

# Meteorologische Beobachtungen

angestellt in

**Dorpat**

( $\varphi = 58^{\circ} 22' 42''$ ,  $\lambda = 26^{\circ} 43' 18''$ ,  $H = 74,5$  M.)

im Jahre

**1917**

Zweiundfünfzigster Jahrgang.



**Dorpat.**

Buch- und Steindruckerei H. Laakmann.

1919.

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1918.

## Januar 1917.

Datum	Luftdruck 700 mm. +								Temperatur							
	1h	4h	7h	10h	13h	16h	19h	22h	1h	4h	7h	10h	13h	16h	19h	22h
1	45.4	45.0	44.5	45.2	45.7	47.2	48.1	48.9	-12.7	-13.1	-13.2	-13.8	-14.4	-14.9	-12.5	-10.6
2	49.8	50.0	50.6	50.7	50.2	50.1	49.9	49.5	-10.7	-11.4	-12.0	-12.4	-13.2	-14.1	-15.6	-17.1
3	48.5	47.8	47.0	47.3	47.4	47.9	48.6	49.0	-17.4	-15.6	-13.8	-13.5	-12.5	-12.5	-12.7	-12.9
4	48.8	48.2	47.2	46.7	45.3	43.8	41.6	38.6	-12.2	-10.8	-9.0	-9.0	-8.4	-8.0	-10.2	-11.0
5	34.9	32.9	31.7	31.4	31.4	32.0	34.3	36.8	-10.1	-8.5	-7.0	-6.8	-6.2	-6.0	-7.8	-9.5
6	39.8	41.5	42.7	44.4	45.0	46.4	48.1	49.9	-11.4	-12.5	-13.4	-13.8	-14.1	-13.8	-13.6	-12.4
7	52.0	53.2	53.4	54.4	55.0	55.8	56.4	57.1	-14.8	-13.4	-12.5	-8.3	-4.1	-3.6	-3.3	-4.1
8	58.0	57.0	56.9	56.4	54.9	53.3	51.0	49.7	-6.1	-9.2	-10.0	-10.3	-9.4	-9.8	-9.5	-10.3
9	49.4	49.5	50.4	52.0	53.5	54.8	55.8	57.4	-11.6	-12.3	-14.4	-13.8	-12.6	-12.0	-13.0	-13.8
10	57.5	57.4	56.6	56.0	55.1	54.0	53.0	52.4	-12.5	-11.5	-10.0	-9.2	-8.4	-8.2	-7.8	-7.4
11	51.5	50.7	50.3	50.5	50.0	49.7	49.3	49.1	-7.0	-6.5	-5.8	-5.7	-5.0	-5.8	-6.3	-6.5
12	49.0	49.3	49.8	50.5	50.6	50.7	51.5	51.4	-7.6	-8.3	-9.4	-10.4	-10.4	-11.4	-12.6	-11.5
13	51.1	50.5	49.9	49.4	48.1	46.8	46.5	46.3	-10.4	-8.2	-6.0	-4.0	-1.8	-0.6	-0.7	-1.1
14	45.5	44.5	44.1	43.6	43.0	42.3	41.9	41.7	-0.7	-0.6	-0.9	-0.4	-0.2	-0.1	-0.3	-0.3
15	42.0	43.0	44.3	46.4	48.1	50.0	51.9	53.0	-1.5	-3.3	-5.2	-6.3	-7.8	-9.8	-11.2	-11.6
16	53.9	54.9	55.2	55.9	55.8	55.8	55.8	55.9	-13.6	-16.4	-18.0	-18.0	-17.5	-17.6	-17.7	-18.2
17	55.9	55.8	55.7	55.9	55.8	55.8	55.9	56.1	-18.7	-20.1	-21.0	-21.2	-17.8	-16.7	-15.0	-13.3
18	56.6	57.1	58.3	60.3	62.3	64.6	66.6	68.8	-12.0	-11.0	-9.6	-8.8	-8.6	-11.5	-13.5	-16.3
19	70.6	71.0	71.1	71.8	71.7	71.8	72.1	72.4	-17.4	-19.8	-20.5	-20.4	-13.7	-12.3	-11.6	-11.0
20	73.2	73.1	72.7	72.3	71.5	71.4	71.0	71.0	-10.9	-9.5	-11.6	-10.8	-7.9	-7.6	-7.2	-6.6
21	71.3	71.4	71.5	71.2	70.9	70.6	70.1	69.1	-6.8	-7.3	-7.7	-7.6	-7.8	-8.9	-7.0	-6.6
22	67.8	65.7	63.6	62.3	60.9	59.9	59.6	59.5	-6.6	-5.6	-5.4	-4.8	-4.0	-2.7	-2.5	-2.3
23	59.6	59.7	59.9	60.7	61.7	62.7	63.7	64.6	-3.1	-4.5	-5.0	-4.8	-5.0	-6.4	-8.4	-8.9
24	64.8	64.2	63.8	62.8	61.9	60.8	58.8	56.7	-9.1	-9.5	-9.4	-9.0	-7.6	-6.5	-4.4	-2.7
25	55.3	53.8	51.4	51.1	51.2	51.4	52.2	53.4	-2.8	-2.5	-2.7	-3.4	-4.5	-4.8	-4.9	-5.7
26	55.2	56.3	57.3	58.0	58.1	58.3	59.1	59.3	-5.7	-7.5	-10.0	-10.6	-11.6	-13.0	-15.0	-16.6
27	59.4	59.0	58.4	57.4	56.3	55.3	55.0	53.9	-15.9	-15.0	-13.5	-11.0	-8.9	-7.6	-6.4	-6.3
28	53.6	53.3	52.8	52.8	52.8	52.7	52.5	52.3	-6.3	-5.7	-5.7	-5.0	-3.9	-4.2	-5.0	-6.0
29	51.7	51.1	50.5	50.7	51.5	53.0	55.1	56.0	-6.9	-6.4	-5.2	-6.2	-7.8	-10.1	-12.8	-15.5
30	57.0	57.7	58.3	58.4	58.1	57.8	56.9	56.8	-18.1	-20.8	-23.4	-24.6	-19.2	-19.6	-19.3	-20.9
31	56.0	55.4	54.2	53.7	53.1	52.4	51.6	50.8	-22.0	-20.5	-17.6	-16.9	-14.0	-13.6	-13.2	-12.9

## E r g ä n z e n d e B e o b a c h -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Luftdruck . . . . .	48.6	49.7	48.9	39.0	36.4	49.4	56.9	49.9	57.1	52.4	49.2	51.4	46.4	41.8
Temperatur . . .	-10.7	-17.0	-12.8	-10.8	-8.8	-13.0	-3.9	-9.9	-13.8	-7.5	-6.4	-11.6	-1.1	-0.3
Relative Feucht. .	82	83	85	83	83	82	90	89	89	93	93	91	93	92
Bewölkung . . . .	10	8	10	10	10	10	9	9	10	10	10	10	10	10
Temperatur	max.	-10.7	-10.7	-12.0	-7.9	-5.7	-8.6	-2.7	-3.7	-9.6	-7.5	-4.3	-6.3	-0.2
	min.	-15.1	-17.1	-17.4	-13.2	-11.0	-14.8	-16.7	-11.6	-15.5	-13.8	-7.7	-13.6	-12.7



## Januar 1917.

Datum	Relative Feuchtigkeit %								Absolute Feuchtigkeitt mm.			Completive Feucht. mm.			Feuchtes Thermometer		
	1h	4h	7h	10h	13h	16h	19h	22h	7h	13h	21h	7h	13h	21h	7h	13h	21h
1	86	85	85	85	81	80	84	80	1.4	1.2	1.7	0.2	0.3	0.4	-13.5	-14.8	-11.2
2	78	77	78	78	79	78	82	83	1.4	1.3	1.0	0.4	0.4	0.2	-12.6	-13.7	-17.3
3	82	83	84	85	85	86	85	86	1.3	1.5	1.5	0.2	0.3	0.3	-14.2	-12.8	-13.1
4	87	90	91	90	89	87	84	84	2.1	2.2	1.7	0.2	0.3	0.3	- 9.2	- 8.7	-11.2
5	86	87	89	91	93	91	89	83	2.4	2.7	2.0	0.3	0.2	0.4	- 7.3	- 6.4	- 9.4
6	80	77	78	77	78	79	80	82	1.3	1.2	1.4	0.4	0.3	0.3	-13.9	-14.6	-13.4
7	83	83	84	86	84	83	87	91	1.5	2.8	3.1	0.3	0.5	0.3	-12.9	- 4.8	- 4.5
8	74	68	61	70	72	75	86	89	1.3	1.6	1.9	0.8	0.6	0.2	-10.8	-10.2	-10.2
9	91	90	93	89	89	89	90	89	1.4	1.6	1.4	0.1	0.2	0.2	-14.6	-12.9	-14.0
10	90	90	91	92	94	94	93	93	2.0	2.3	2.4	0.2	0.2	0.2	-10.2	- 8.6	- 7.7
11	94	95	96	95	91	91	92	93	2.9	2.9	2.6	0.1	0.3	0.2	- 5.9	- 5.3	- 6.6
12	93	93	93	91	89	89	91	91	2.1	1.8	1.7	0.2	0.2	0.2	- 9.6	-10.7	-11.8
13	92	94	97	97	97	96	94	93	2.8	3.9	3.9	0.1	0.1	0.3	- 6.1	- 1.9	- 1.4
14	93	92	92	92	92	92	92	93	3.9	4.1	4.1	0.3	0.4	0.4	- 1.2	- 0.5	- 0.7
15	92	91	88	87	85	85	85	85	2.7	2.2	1.6	0.4	0.4	0.3	- 5.6	- 8.2	-11.9
16	86	85	84	84	84	83	83	83	0.9	1.0	1.0	0.2	0.2	0.2	-18.2	-17.8	-18.0
17	83	82	82	83	83	85	86	87	0.7	1.0	1.4	0.2	0.2	0.2	-21.2	-18.1	-14.2
18	88	90	92	93	95	91	89	87	2.0	2.3	1.2	0.2	0.1	0.2	- 9.8	- 8.7	-15.5
19	86	85	84	84	89	89	90	90	0.8	1.4	1.8	0.1	0.2	0.2	-20.6	-14.0	-11.3
20	91	94	95	96	100	95	89	84	1.8	2.5	2.4	0.1	0.0	0.4	-11.7	- 7.9	- 7.1
21	86	87	89	90	91	92	95	96	2.3	2.3	2.6	0.3	0.2	0.1	- 8.1	- 8.0	- 6.9
22	97	98	99	98	99	97	93	90	3.0	3.4	3.4	0.0	0.0	0.4	- 5.4	- 4.0	- 2.7
23	89	90	91	88	75	78	83	83	2.9	2.4	2.0	0.3	0.8	0.4	- 5.3	- 5.5	- 9.5
24	81	81	84	87	89	92	93	95	1.9	2.3	3.6	0.4	0.3	0.2	- 9.8	- 7.9	- 2.7
25	94	92	89	89	89	89	91	89	3.3	2.9	2.8	0.4	0.4	0.3	- 3.2	- 4.8	- 5.6
26	89	89	87	85	82	80	79	90	1.9	1.6	1.1	0.3	0.3	0.1	-10.2	-11.9	-16.7
27	89	89	89	92	96	97	98	99	1.4	2.2	2.9	0.2	0.1	0.0	-13.7	- 9.0	- 6.2
28	99	99	99	97	96	96	97	98	3.0	3.3	2.9	0.0	0.1	0.0	- 5.7	- 4.1	- 6.0
29	98	98	98	94	80	72	58	68	3.0	2.0	0.9	0.1	0.5	0.4	- 5.3	- 8.4	-15.8
30	75	82	81	81	82	78	78	74	0.6	0.8	0.7	0.1	0.2	0.2	-23.7	-19.4	-20.3
31	72	71	69	70	67	69	73	73	0.8	1.0	1.2	0.4	0.5	0.5	-17.9	-14.4	-12.9

t u n g e n u m 2 1 h.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mitt.
52.6	55.9	55.9	68.1	72.3	71.0	69.3	59.5	64.6	57.2	53.2	59.2	54.0	52.3	55.8	56.8	51.1	54.38
-11.6	-17.8	-13.9	-15.3	-11.0	- 6.6	-6.8	-2.2	-2.1	-2.4	-5.3	-16.6	- 6.2	- 6.0	-15.1	-20.0	-12.7	- 9.89
85	84	87	87	89	84	96	89	85	95	90	90	99	99	67	73	72	87
10	10	10	0	1	10	10	10	10	10	10	10	10	10	4	1	10	8.8
- 0.2	-11.1	-13.9	- 7.5	-10.8	- 6.5	-6.3	-2.2	-2.2	-2.4	-2.4	- 5.3	- 6.2	- 3.5	- 5.2	-14.2	-12.6	- 6.52
-11.8	-18.5	-22.1	-15.3	-22.0	-12.5	-7.8	-6.8	-9.2	-9.7	-5.3	-16.6	-16.6	- 6.8	-15.8	-25.2	-22.9	-13.75



Januar 1917.

Datum.	Windgeschwindigkeit m/sec.								W i n d															
									1h				4h				7h							
	1h	4h	7h	10h	13h	16h	19h	22h	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
1	3.0	3.6	3.7	4.5	3.6	2.4	0.6	2.6	—	2.8	0.5	—	—	3.3	0.7	—	0.2	3.5	0.3	—	—	—	—	—
2	2.5	1.6	1.0	0.6	0.7	1.2	1.5	2.3	1.4	—	—	1.7	0.8	—	—	1.2	0.5	—	—	—	—	—	—	0.8
3	2.7	3.5	3.6	2.7	2.3	2.3	2.1	1.4	—	—	2.4	0.5	—	2.5	1.9	—	—	2.7	1.5	—	—	—	—	—
4	1.8	2.7	4.2	4.3	3.6	4.8	5.9	6.9	—	1.6	0.4	—	—	1.9	1.3	—	—	1.3	3.6	—	—	—	—	—
5	5.7	5.1	4.5	4.2	3.9	1.8	3.7	5.0	—	4.4	2.8	—	—	3.2	3.3	—	—	3.1	2.4	—	—	—	—	—
6	6.0	5.1	4.8	3.3	3.3	3.9	3.9	3.5	0.5	—	0.2	5.7	0.6	—	0.2	4.9	0.5	—	—	—	—	—	—	4.6
7	3.2	2.1	1.4	3.5	4.9	4.2	4.4	3.6	—	—	0.5	3.0	—	—	0.8	1.7	—	—	1.1	—	—	—	—	0.6
8	3.2	2.5	2.8	2.8	3.0	3.3	3.1	2.0	—	—	2.8	0.9	—	0.7	2.2	0.1	—	1.5	2.1	—	—	—	—	—
9	1.5	1.2	1.5	2.2	2.1	0.6	0.6	1.8	0.3	1.3	0.2	—	—	0.7	0.9	—	—	0.1	0.4	—	—	—	—	1.3
10	3.0	3.0	4.2	4.4	3.7	3.4	2.7	1.6	—	2.5	1.2	—	—	2.6	0.9	—	—	3.3	1.6	—	—	—	—	—
11	1.0	0.4	0.4	0.4	0.8	1.3	0.9	0.8	—	0.7	0.6	—	—	—	—	—	—	—	—	—	—	—	—	—
12	0.5	0.6	0.6	0.8	0.8	1.5	1.1	1.1	—	0.5	—	—	0.2	0.5	—	—	—	0.7	—	—	—	—	—	—
13	1.5	1.5	2.0	3.0	3.3	4.6	3.6	3.4	—	1.4	0.2	—	—	1.5	0.1	—	—	1.8	0.5	—	—	—	—	—
14	3.5	4.6	2.6	1.5	1.6	0.6	0.6	1.1	—	3.0	1.0	—	—	3.8	1.8	—	—	1.8	1.3	—	—	—	—	—
15	1.4	2.4	2.1	2.7	3.2	2.4	2.2	2.0	1.2	0.3	—	—	2.2	0.4	—	—	1.9	0.3	—	—	—	—	—	0.1
16	1.8	1.3	1.6	1.1	0.9	1.3	1.0	1.3	0.7	1.5	—	—	0.6	1.0	—	—	0.4	1.4	—	—	—	—	—	—
17	0.9	0.5	0.4	0.4	0.6	1.2	1.8	1.9	—	0.7	0.3	—	—	0.6	—	—	—	—	—	—	—	—	—	—
18	2.5	2.8	3.0	1.5	2.1	2.7	1.2	1.7	—	—	0.5	2.3	—	—	0.3	2.7	—	—	0.3	—	—	—	—	2.9
19	1.2	1.9	2.9	3.0	3.6	3.8	3.0	3.1	1.3	—	—	0.1	1.0	—	—	1.4	—	—	0.2	—	—	—	—	2.9
20	3.4	2.7	2.7	3.4	2.9	3.1	1.6	1.5	0.2	—	0.1	3.4	0.1	—	0.3	2.5	—	—	0.5	—	—	—	—	2.5
21	1.3	1.7	2.2	2.1	1.9	1.8	1.9	2.3	0.8	—	—	0.9	0.2	—	—	1.6	—	—	0.1	—	—	—	—	2.2
22	2.4	3.3	2.8	3.5	3.0	2.6	2.7	2.7	—	—	0.4	2.2	—	—	0.8	3.0	—	—	0.5	—	—	—	—	2.6
23	3.2	2.5	2.4	3.3	3.3	2.8	2.0	1.8	1.7	—	—	2.0	1.7	—	—	1.4	2.0	0.2	—	—	—	—	—	0.6
24	1.6	1.7	3.0	4.7	4.0	2.7	3.3	4.6	1.1	0.1	—	0.8	0.5	—	—	1.4	0.1	—	0.4	—	—	—	—	2.8
25	4.5	3.8	4.0	3.3	2.4	2.0	2.0	3.8	0.3	—	0.3	4.3	0.4	—	—	3.6	0.4	—	0.1	—	—	—	—	3.9
26	4.2	4.2	3.2	2.4	2.5	2.6	3.1	1.7	2.8	2.3	—	—	2.8	2.1	—	—	2.4	1.5	—	—	—	—	—	—
27	0.7	1.2	1.7	2.7	3.3	2.6	1.9	2.2	0.3	0.2	0.2	0.3	—	—	0.6	1.0	—	—	0.3	—	—	—	—	1.6
28	1.6	1.2	1.0	0.7	1.2	0.4	0.4	0.4	—	—	—	1.7	0.4	—	—	1.1	0.1	—	—	—	—	—	—	1.0
29	0.4	0.4	1.2	3.0	3.3	3.5	3.2	1.2	—	—	—	—	—	—	—	—	0.7	—	—	—	—	—	—	0.9
30	0.4	0.4	0.4	0.4	0.4	0.4	1.8	2.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	2.5	2.3	2.4	3.0	2.6	3.6	3.6	5.1	—	0.4	2.4	—	—	0.2	2.2	—	—	—	2.2	—	—	—	—	0.6

T a g e s -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Luftdruck	46.25	50.10	47.94	45.02	33.18	44.72	54.66	54.65	52.85	55.25	50.14	50.35	48.58	43.32	47.34
Temperatur	-13.15	-13.31	-13.86	-9.82	-7.74	-13.12	-8.01	-9.32	-12.94	-9.38	-6.08	-10.20	-4.10	-0.44	-7.09
Relative Feuchtigkeit	83	79	84	89	87	79	85	74	90	92	93	91	95	92	87
Absolute Feuchtigkeit	1.43	1.23	1.43	2.00	2.37	1.30	2.47	1.60	1.47	2.23	2.80	1.87	3.53	4.03	2.17
Completive Feuchtigkeit	0.30	0.33	0.27	0.27	0.30	0.33	0.37	0.53	0.17	0.20	0.20	0.20	0.17	0.37	0.37

## Januar 1917.

k o m p o n e n t e n m/sec.																			
10h				13h				16h				19h				22h			
N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
1.5	3.7	—	—	3.0	1.2	—	—	1.9	0.1	—	0.8	0.4	—	—	0.4	1.8	—	—	1.3
0.2	—	—	0.5	—	—	—	0.8	—	—	0.8	0.7	—	—	1.3	0.4	—	—	2.1	0.6
—	2.4	0.5	—	—	2.0	0.6	—	—	2.1	0.6	—	—	2.0	0.5	—	—	1.2	0.3	—
—	2.0	3.4	—	—	2.2	2.4	—	—	3.0	2.9	—	—	4.7	2.7	—	—	5.3	3.2	—
—	2.8	2.4	—	—	3.2	1.8	—	—	1.5	0.5	—	—	1.5	0.4	—	—	2.5	1.2	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0.4	—	0.1	3.1	0.1	—	0.3	3.1	0.3	—	0.2	3.8	0.2	—	0.3	3.7	0.2	—	0.2	3.3
—	—	2.2	2.2	—	—	2.9	3.1	—	—	2.7	2.4	—	—	2.9	2.6	—	—	2.5	1.9
—	1.8	1.8	—	—	2.6	1.0	—	—	3.0	0.9	—	0.1	3.0	0.1	—	—	2.0	—	—
—	—	0.7	2.0	—	—	0.7	1.9	—	—	0.1	0.6	—	0.1	0.1	0.4	—	1.5	0.6	—
—	3.6	1.7	—	—	3.0	1.6	—	—	2.7	1.5	—	—	1.9	1.4	—	—	1.1	0.9	—
—	—	—	—	—	0.6	0.3	—	0.2	1.2	—	—	0.3	0.8	—	—	0.2	0.7	—	—
—	0.7	0.2	—	—	0.7	0.2	—	—	1.5	0.2	—	—	1.1	0.1	—	—	1.1	—	—
0.2	2.6	0.7	—	0.1	3.1	0.4	—	0.1	3.9	1.5	—	—	3.0	1.6	—	—	3.0	1.4	—
—	1.0	0.7	0.1	—	1.3	0.4	0.1	—	0.6	—	—	0.4	0.3	—	—	0.9	0.5	—	—
2.4	0.6	—	0.1	2.7	0.9	—	0.2	2.0	0.6	—	0.2	1.6	1.1	—	—	1.3	1.1	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0.4	0.9	—	—	0.4	0.7	—	—	0.2	1.2	0.1	—	—	1.1	0.1	—	—	1.3	0.1	—
—	—	—	—	—	0.2	0.2	—	—	0.7	0.7	—	—	0.6	1.5	—	—	0.6	1.7	—
0.3	—	0.1	1.4	1.7	0.6	—	0.3	1.9	1.3	—	—	1.0	0.5	—	—	1.7	0.1	—	—
—	—	0.3	2.9	0.2	—	0.1	3.5	0.2	—	0.1	3.7	0.2	—	0.1	2.9	0.1	—	0.1	3.2
—	—	0.6	3.2	0.1	—	0.2	2.8	0.4	—	0.1	3.0	0.1	—	0.1	1.6	0.6	—	—	1.2
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0.1	—	0.1	2.0	0.1	—	—	1.9	0.2	—	—	1.7	—	—	0.2	1.9	0.1	—	0.3	2.2
—	—	0.8	3.2	—	—	0.5	2.8	0.5	—	0.2	2.3	1.0	—	—	2.1	1.8	—	—	1.5
2.7	0.9	—	0.3	2.5	1.2	—	0.1	2.4	0.5	—	0.2	1.9	0.1	—	0.1	1.6	0.4	—	0.2
—	—	0.7	4.3	—	—	0.4	3.9	0.1	—	0.5	2.4	—	—	0.6	2.9	0.1	—	0.4	2.9
1.3	—	—	2.6	1.6	0.1	—	1.1	0.9	—	—	1.5	1.4	0.8	—	0.3	2.4	2.3	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1.8	1.0	—	—	1.8	1.1	—	—	1.9	1.1	—	—	2.0	1.8	—	—	1.2	0.7	—	—
—	—	0.6	2.3	—	—	0.5	3.1	—	—	0.4	2.5	—	—	0.2	1.8	—	—	—	2.2
—	—	—	0.8	0.5	—	—	1.0	—	—	—	—	—	—	—	—	—	—	—	—
1.6	—	—	2.1	2.4	1.2	—	0.6	2.4	1.8	—	—	2.1	1.6	—	—	1.0	0.5	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	2.4	1.2	—	—	2.1	1.0	—	—	2.5	1.8	—	—	2.2	2.1	—	—	3.2	2.9
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

m i t t e l.

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mtt.
55.40	55.86	61.82	71.56	72.02	70.76	62.41	61.58	61.72	52.48	57.70	56.84	52.85	52.45	57.62	53.40	54.22
-17.12	-17.98	-11.41	-15.84	-9.01	-7.46	-4.24	-5.76	-7.28	-3.91	-11.25	-10.58	-5.22	-8.86	-20.74	-16.34	-10.05
84	84	91	87	93	91	96	85	88	90	85	94	98	83	79	70	87
0.97	1.03	1.83	1.33	2.23	2.40	3.27	2.43	2.60	3.00	1.53	2.17	3.07	1.97	0.70	1.00	2.05
0.20	0.20	0.17	0.17	0.17	0.20	0.13	0.50	0.30	0.37	0.23	0.10	0.03	0.33	0.17	0.47	0.26

Januar 1917.

Datum.	B e w ö l k u n g												
	Menge in Zehnteln.						F o r m						
	7h	10h	13h	16h	19h	22h	7h	10h	13h	16h	19h	21h	22h
1	10	9	3	7	10	10	St	St	ACu,St	AS	St	St	St
2	10	10	10	7	8	8	St	AS	St, AS	AS, St	ACu,SCu	ACu,CiS	ACu,CiS
3	10	10	10	10	10	10	Nb	Nb	Nb	Nb	St	St	St
4	10	10	10	10	10	10	St	St	St	St	AS	AS	Nb
5	10	10	10	10	10	10	Nb	Nb	Nb	Nb	Nb	Nb	Nb
6	10	10	8	10	10	10	St	St	CiS,AS	St	St	St	St
7	6	10	10	7	9	8	SCu	St	St	ACu,SCu	St	SCu	SCu
8	9	10	10	10	10	9	CiS	AS	St	St	AS	AS	AS
9	10	10	10	10	10	10	≡	AS	St	St	St	St	St
10	10	10	10	10	10	10	St	St	St	St	St	St	St
11	10	10	10	10	10	10	AS	Nb	Nb	Nb	Nb	Nb	Nb
12	10	10	9	4	10	10	AS	St	Nb,ACu	CiS,St	AS	St	St
13	10	10	10	10	10	10	St	Nb	Nb	Nb	Nb	St	St
14	10	10	10	10	10	10	St,≡	St,≡	St,≡	St,≡	≡	Nb	Nb
15	10	10	10	10	10	10	Nb	Nb	St	St	St	St	St
16	10	10	10	10	10	10	St	≡	≡	St	St	St	St
17	9	9	9	10	10	10	St	St,SCu	ACu,St	St	St	St	St
18	10	10	2	10	1	0	Nb	St	Fr-St	St	St	—	—
19	2	8	10	10	10	2	St	Ci,ACu	St, AS	St	St	St	St
20	1	1	10	10	10	10	St	St	St	St	St	St	St
21	10	10	10	10	10	10	St,≡	≡	≡	≡	St	≡	≡
22	8	4	10	10	10	10	CiS,St	CiS	St	St	St	St	St
23	10	10	10	10	10	10	St	St	Nb	St	St	St	St
24	10	10	10	10	10	10	St	Nb	St	St	St	St	St
25	10	10	10	10	10	10	St	St	Nb	Nb	St	St	St
26	10	10	10	10	10	10	St	Nb	Nb	St	St	St	St
27	10	10	10	10	10	10	St	St	St	St	St	AS	Nb
28	10	10	10	10	10	10	Nb	Nb	St, AS	St	St	St	St
29	10	10	10	10	2	1	St	Nb	Nb	St	AS	AS	AS
30	2	2	1	2	10	1	≡	≡	Ci,≡	St, CiS	St	St	St
31	10	10	10	10	10	10	St	Nb	St	St	St	St	St

S t u n d e n -

Stunden.	Windkomponenten.						Richtung $\varphi^0$	Resultante R	Geschw.- mittel J
	N	E	S	W	N-S	E-W			
1	0.41	0.76	0.55	0.96	-0.14	-0.20	234	0.24	2.36
4	0.37	0.81	0.59	0.89	-0.22	-0.08	201	0.24	2.32
7	0.30	0.75	0.63	1.03	-0.33	-0.28	220	0.43	2.40
10	0.42	0.77	0.65	1.11	-0.23	-0.33	235	0.40	2.56
13	0.55	0.84	0.54	1.01	0.02	-0.17	276	0.17	2.54
16	0.50	0.84	0.53	0.91	-0.03	-0.07	248	0.08	2.43
19	0.46	0.78	0.53	0.90	-0.07	-0.12	238	0.14	2.30
22	0.52	0.74	0.59	0.96	-0.06	-0.23	254	0.24	2.48
Mitt.	0.44	0.79	0.57	0.97	-0.13	-0.19	234	0.23	2.42



Januar 1917.

7

Datum	Niederschläge mm		Ver- dunstung mm	Embach- stand cm.	B e m e r k u n g e n.
	7h—21h	21h—7h			
1	—	0.5	0.0	E i s d e c k e.	*n. cm. ☒20
2	—	0.5	0.0		☐18 <sup>b</sup> —n; *n. ☒21
3	0.3	—	0.0		*—17 <sup>b</sup> . ☒22
4	0.3	0.5	0.1		*14 <sup>b</sup> —17 <sup>b</sup> (mit Unterbrech.), n; †n. ☒22
5	8.0	0.2	0.0		*—n. ☒23
6	0.4	—	0.0		*12 <sup>b</sup> 10 <sup>m</sup> —40 <sup>m</sup> . ☒24
7	0.1	—	0.1		*10 <sup>b</sup> 45 <sup>m</sup> —11 <sup>b</sup> . ☒24
8	—	0.5	0.0		*n. ☒24
9	—	—	0.0		≡—9 <sup>b</sup> 40 <sup>m</sup> ; V a. ☒24
10	0.1	1.5	0.1		*8 <sup>b</sup> —9 <sup>b</sup> 30 <sup>m</sup> , n. ☒24
11	4.0	1.0	0.0		*7 <sup>b</sup> 5 <sup>m</sup> —n. ☒25
12	0.6	—	0.0		*10 <sup>b</sup> 15 <sup>m</sup> —14 <sup>b</sup> . ☒32
13	4.5	—	0.1		*9 <sup>b</sup> 30 <sup>m</sup> —20 <sup>b</sup> ; Op.. ☒33
14	0.1	5.4	0.1		≡a, p; *20 <sup>b</sup> —n. ☒35
15	0.3	—	0.0		*—10 <sup>b</sup> 30 <sup>m</sup> ; V n. ☒39
16	—	0.1	0.0		≡a, p; V <sup>2</sup> n. ☒39
17	—	0.3	0.1		*n. ☒39
18	0.0	—	0.0		* <sup>0</sup> —7 <sup>b</sup> 30 <sup>m</sup> . ☒40
19	—	—	0.0		☒39
20	—	—	0.1		☒38
21	—	—	0.0		≡a, p, n. ☒37
22	—	—	0.1		☒36
23	0.1	—	0.1		*8 <sup>b</sup> 18 <sup>m</sup> —30 <sup>m</sup> ; * <sup>0</sup> 12 <sup>b</sup> 40 <sup>m</sup> —13 <sup>b</sup> 15 <sup>m</sup> . ☒36
24	0.1	—	0.0		*8 <sup>b</sup> —12 <sup>b</sup> . ☒36
25	1.6	—	0.1		*12 <sup>b</sup> 23 <sup>m</sup> —p. ☒36
26	0.1	0.1	0.0		*9 <sup>b</sup> —15 <sup>b</sup> , n; V n. ☒37
27	0.1	0.7	0.1		V, ≡a; *p, n. ☒37
28	0.2	0.2	0.1		*—12 <sup>b</sup> , n. ☒38
29	0.1	—	0.0		*a; * <sup>0</sup> p. ☒38
30	—	—	0.0		☒37
31	0.1	0.1	0.0		1· 8 <sup>b</sup> —8 <sup>b</sup> 7 <sup>m</sup> ; *8 <sup>b</sup> 15 <sup>m</sup> —12 <sup>b</sup> , n; †n. ☒37

m i t t e l.

Luft- druck.	Tempe- ratur.	Relative Feuchtig- keit.	Bewölkung	Stunden.
54.36	—10.41	87	—	1
54.19	—10.56	87	—	4
54.03	—10.61	87	8.9	7
54.20	—10.35	88	9.1	10
54.09	— 9.30	87	9.1	13
54.16	— 9.47	86	9.3	16
54.32	— 9.71	87	9.4	19
54.43	—10.00	87	8.7	22
54.22	—10.05	87	9.1	Mitt.

## Februar 1917.

Datum	Luftdruck 700 mm. +								Temperatur							
	1h	4h	7h	10h	13h	16h	19h	22h	1h	4h	7h	10h	13h	16h	19h	22h
1	50.2	49.2	48.4	47.9	49.9	52.0	53.6	54.9	-13.0	-13.2	-13.7	-12.4	-10.3	-14.4	-16.8	-21.0
2	56.0	57.0	57.9	58.8	59.3	59.3	60.4	61.2	-22.2	-23.5	-24.4	-25.2	-23.0	-21.7	-21.9	-21.9
3	62.0	62.3	63.3	64.3	64.8	65.0	65.4	66.2	-22.0	-19.2	-19.0	-18.6	-17.0	-18.0	-20.0	-22.2
4	66.8	67.1	67.3	67.5	66.7	66.1	65.1	64.1	-23.5	-25.7	-28.7	-29.5	-24.0	-24.2	-24.5	-24.8
5	63.3	62.3	61.3	60.6	59.2	58.3	57.7	56.5	-24.8	-23.8	-22.8	-22.4	-20.8	-20.5	-20.2	-19.5
6	55.6	54.5	54.2	53.9	53.4	52.9	52.9	53.4	-19.6	-19.7	-19.8	-19.2	-17.9	-17.4	-17.3	-17.5
7	54.7	55.3	56.3	57.3	58.4	59.5	60.8	62.3	-18.1	-18.8	-20.1	-20.0	-16.8	-16.5	-19.3	-22.3
8	63.4	64.0	64.4	65.1	64.5	62.6	60.8	58.2	-24.0	-25.5	-25.9	-25.5	-19.8	-16.2	-11.5	-7.2
9	55.7	52.8	49.7	47.7	46.7	45.0	43.8	43.1	-4.8	-3.0	-0.6	0.0	0.6	0.4	0.2	0.4
10	42.9	41.5	39.6	38.0	35.9	34.7	33.7	33.9	-0.9	-3.8	-3.1	-2.1	0.7	-0.1	-1.0	-1.8
11	33.9	36.2	38.8	40.7	42.6	44.7	46.6	48.4	-2.7	-6.8	-8.0	-6.5	-5.3	-6.2	-6.6	-6.5
12	50.0	51.0	51.2	50.8	49.9	48.7	47.3	46.0	-10.5	-13.0	-14.0	-9.6	-5.6	-3.9	-3.5	-2.1
13	46.4	49.0	51.8	53.4	54.2	53.2	50.0	45.3	-2.7	-6.3	-9.8	-11.3	-9.9	-9.0	-7.7	-5.5
14	40.8	37.3	35.6	35.5	35.2	36.1	36.7	39.9	-3.8	-1.2	-0.6	-0.9	-0.1	-2.0	-3.1	-7.0
15	45.3	48.0	50.4	51.6	51.3	49.1	46.5	44.0	-11.0	-11.9	-12.1	-12.9	-11.0	-10.6	-11.3	-11.4
16	42.3	41.0	39.7	40.1	41.7	43.0	45.6	48.2	-11.8	-12.0	-11.9	-11.5	-11.0	-9.8	-9.0	-10.4
17	51.3	52.9	53.6	53.3	54.4	55.6	56.6	56.0	-14.2	-17.0	-19.0	-17.0	-11.5	-13.0	-16.4	-18.4
18	55.0	55.6	58.7	61.1	62.7	63.6	64.5	64.8	-16.6	-15.0	-19.8	-21.6	-17.6	-17.7	-19.5	-22.3
19	65.0	64.4	63.9	62.8	60.9	57.8	54.8	53.0	-23.6	-23.4	-23.2	-19.7	-16.8	-15.4	-14.0	-13.0
20	53.0	52.7	54.1	55.8	57.7	58.6	59.5	59.6	-12.8	-12.7	-13.7	-17.0	-17.6	-17.7	-20.3	-21.7
21	59.5	58.6	57.2	56.0	53.9	51.7	51.0	50.8	-23.3	-24.9	-23.5	-20.5	-14.4	-13.0	-11.6	-10.1
22	51.6	52.8	53.9	54.0	53.0	53.6	55.7	57.8	-12.5	-15.0	-17.6	-19.6	-10.4	-13.4	-16.2	-19.0
23	59.8	61.4	62.9	64.4	65.4	65.4	65.4	65.0	-20.4	-22.7	-23.6	-23.8	-18.8	-17.0	-19.0	-19.7
24	63.7	61.6	58.8	56.1	53.6	51.5	50.5	48.2	-19.7	-19.1	-16.0	-13.2	-9.7	-9.4	-9.9	-9.4
25	46.9	44.4	41.4	42.0	43.2	45.4	48.7	51.5	-7.4	-4.3	-1.0	-1.0	-2.5	-3.0	-3.5	-4.0
26	53.0	54.0	53.8	53.6	52.4	51.0	49.8	48.3	-4.5	-7.0	-7.3	-6.2	-3.9	-3.2	-3.7	-3.6
27	47.8	47.2	47.2	47.6	48.4	48.8	49.9	50.6	-2.7	-2.1	-1.8	-0.6	1.0	0.5	-1.0	-1.9
28	51.7	52.4	53.3	54.2	54.5	54.8	55.0	55.2	-2.9	-4.7	-5.6	-5.9	-5.5	-5.7	-5.9	-6.0

## Ergänzende Beobach -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Luftdruck . . .	54.8	60.9	66.1	64.2	57.0	53.3	62.2	59.3	43.6	33.8	47.7	46.3	47.2	37.8	
Temperatur . . .	-20.0	-21.6	-22.0	-24.8	-19.4	-17.2	-21.8	-8.0	0.0	-1.4	-6.5	-2.6	-6.6	-3.1	
Relat. Feuchtigkeit	81	82	71	76	81	82	83	95	77	75	61	93	68	79	
Bewölkung . . .	0	10	0	1	10	10	0	10	0	10	10	10	10	10	
Temperatur {	max.	-10.0	-19.7	-16.5	-22.0	-19.4	-16.0	-16.2	-8.0	0.6	1.0	-1.1	-2.6	-2.1	0.2
	min.	-20.0	-26.1	-23.4	-29.7	-25.3	-20.6	-22.0	-26.2	-8.3	-4.4	-8.8	-14.9	-11.9	-7.0

## Februar 1917.

Datum.	Relative Feuchtigkeit %								Absolute Feuchtigkeit mm.			Completive Feucht. mm.			Feuchtes Thermometer		
	1h	4h	7h	10h	13h	16h	19h	22h	7h	13h	21h	7h	13h	21h	7h	13h	21h
1	74	76	80	85	84	75	78	81	1.3	1.8	0.8	0.3	0.3	0.2	-14.2	-10.6	-20.3
2	81	81	81	81	81	82	82	82	0.5	0.6	0.7	0.1	0.1	0.2	-24.6	-23.2	-21.8
3	81	81	74	67	57	56	69	70	0.8	0.7	0.6	0.3	0.5	0.2	-19.4	-17.8	-22.3
4	70	75	78	78	78	76	76	76	0.3	0.5	0.5	0.1	0.2	0.2	-28.8	-24.1	-24.9
5	77	76	76	79	76	78	81	82	0.6	0.7	0.8	0.2	0.2	0.2	-22.9	-21.0	-19.7
6	82	82	81	80	76	79	82	82	0.8	0.9	1.0	0.2	0.3	0.2	-20.0	-18.2	-17.5
7	82	82	83	82	76	76	83	83	0.8	0.9	0.7	0.2	0.3	0.1	-20.2	-17.2	-22.0
8	82	81	81	82	84	87	90	96	0.4	0.8	2.4	0.1	0.2	0.1	-26.0	-20.0	-8.1
9	94	96	99	96	92	92	90	77	4.3	4.6	3.5	0.0	0.2	1.0	-0.7	0.4	-1.0
10	68	73	74	75	55	61	73	76	2.7	2.6	3.1	1.0	2.2	1.0	-3.6	-1.5	-2.3
11	87	79	62	66	63	64	63	59	1.6	2.0	1.7	1.0	1.1	1.1	-8.9	-6.6	-7.6
12	71	83	88	88	88	88	90	93	1.4	2.7	3.5	0.2	0.4	0.3	-14.2	-6.0	-2.9
13	82	62	61	65	61	61	63	68	1.3	1.3	1.9	0.8	0.8	0.9	-10.6	-10.8	-7.5
14	71	81	77	62	47	68	76	85	3.4	2.1	2.9	1.0	2.4	0.8	-1.8	-2.5	-3.9
15	68	53	53	49	51	50	76	85	1.0	1.0	1.6	0.9	1.0	0.3	-12.9	-12.0	-11.7
16	86	86	91	87	82	84	78	69	1.7	1.6	1.5	0.2	0.4	0.6	-11.9	-11.3	-10.5
17	67	75	84	83	77	72	79	83	0.9	1.5	1.0	0.2	0.4	0.2	-19.2	-11.9	-18.0
18	80	72	77	78	68	67	73	80	0.7	0.8	0.6	0.2	0.4	0.2	-20.1	-18.0	-21.8
19	83	82	82	80	77	81	84	87	0.6	1.0	0.5	0.1	0.3	0.2	-23.4	-17.2	-13.3
20	86	86	88	85	83	80	84	85	1.4	1.0	0.7	0.2	0.2	0.1	-13.9	-17.9	-21.2
21	84	84	84	85	89	87	92	92	0.6	1.3	2.0	0.1	0.2	0.2	-23.7	-14.8	-10.2
22	93	90	89	89	77	81	76	81	1.0	1.6	0.9	0.1	0.5	0.2	-17.8	-11.1	-18.2
23	82	84	85	84	77	72	79	83	0.6	0.8	0.8	0.1	0.2	0.2	-23.8	-19.0	-19.5
24	85	76	78	82	84	86	87	90	1.0	1.8	2.0	0.3	0.4	0.2	-16.3	-9.9	-9.9
25	93	94	94	56	46	45	56	68	4.0	1.8	2.3	0.2	2.1	1.2	-1.2	-4.7	-4.4
26	73	81	85	78	65	64	70	90	2.2	2.2	3.1	0.4	1.2	0.4	-7.7	-4.6	-4.0
27	91	92	93	94	92	91	93	92	3.7	4.5	3.7	0.3	0.4	0.3	-2.0	0.5	-2.0
28	91	89	89	84	80	80	85	88	2.7	2.4	2.6	0.3	0.6	0.4	-6.0	-6.3	-6.4

t u n g e n u m 21 h.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	Mtt.
44.8	47.6	56.3	64.5	52.9	59.5	50.7	57.4	65.3	48.9	50.5	48.9	50.5	55.0	53.11
-11.5	-10.0	-17.8	-21.6	-13.0	-21.0	-10.1	-18.0	-19.3	-9.6	-3.7	-3.6	-1.7	-6.0	-12.21
84	70	83	78	88	85	92	78	81	89	67	89	92	87	81
10	4	0	0	10	0	10	0	0	10	10	10	10	10	6.2
-3.1	-7.5	-9.8	-13.4	-13.0	-12.3	-10.1	-9.5	-15.2	-9.2	-0.4	-2.6	2.1	-1.7	-8.48
-14.2	-12.2	-19.8	-21.6	-25.6	-21.0	-25.5	-19.9	-24.4	-20.3	-9.9	-9.6	-3.9	-6.2	-17.21



Februar 1917.

Datum	Windgeschwindigkeit m/sec.								W i n d															
									1h				4h				7h							
	1h	4h	7h	10h	13h	16h	19h	22h	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
1	5.6	6.0	5.8	5.2	2.6	2.3	1.6	1.9	—	—	2.7	4.0	—	—	2.8	4.6	—	—	2.9	4.2	—	—	—	—
2	1.4	2.1	1.4	0.8	0.6	0.5	1.1	0.6	1.0	—	—	0.7	—	—	—	2.2	—	—	—	—	—	—	—	1.5
3	1.3	2.9	1.9	1.3	1.0	1.0	2.1	1.7	—	—	1.3	—	—	—	1.8	2.2	—	—	—	0.8	1.5	—	—	—
4	1.5	1.8	2.2	2.5	3.0	3.9	4.2	5.3	—	—	1.5	—	—	—	1.9	—	—	—	—	2.3	—	—	—	—
5	5.4	3.6	4.7	3.0	2.1	1.9	1.0	0.4	—	4.4	2.1	—	—	3.1	1.3	—	—	4.0	1.2	—	—	—	—	—
6	0.4	0.6	0.9	1.5	1.0	0.4	0.8	0.9	—	—	—	—	—	0.5	0.3	—	—	0.8	0.4	—	—	—	—	—
7	0.6	2.0	3.0	2.7	3.2	2.5	2.4	2.5	0.7	—	—	—	0.2	—	0.4	1.6	—	—	0.1	3.0	—	—	—	—
8	2.4	2.3	2.1	1.8	1.5	2.0	3.3	4.2	—	—	—	2.4	—	—	—	2.3	—	—	—	2.2	—	—	—	—
9	5.9	5.1	6.6	8.0	6.6	6.6	5.8	5.6	—	—	3.5	3.9	—	—	2.5	3.6	—	—	1.7	5.7	—	—	—	—
10	5.4	4.8	4.8	4.5	6.0	5.7	5.3	4.2	—	—	0.8	4.9	—	—	0.7	4.4	—	—	0.7	4.4	—	—	—	—
11	4.5	5.4	4.4	3.8	2.9	3.9	2.7	2.8	—	—	0.5	4.3	—	—	0.6	5.0	—	—	0.5	4.2	—	—	—	—
12	2.3	2.4	2.1	3.3	4.5	4.4	4.3	4.9	—	—	0.2	2.3	—	—	0.3	2.3	—	—	0.8	1.7	—	—	—	—
13	5.3	5.2	2.8	1.9	3.6	4.8	6.6	8.8	—	—	0.6	5.0	—	—	0.5	5.0	0.4	—	0.4	2.5	—	—	—	—
14	9.4	8.2	7.0	7.4	8.2	7.2	5.5	6.9	—	—	3.8	7.2	0.1	—	2.2	7.2	0.4	—	0.7	6.4	—	—	—	—
15	5.8	4.6	5.7	3.1	2.1	2.9	3.9	3.8	3.9	0.1	—	2.8	2.4	—	—	2.9	2.2	—	—	4.7	—	—	—	—
16	3.3	2.7	2.8	2.4	1.7	3.6	4.6	4.6	—	2.5	1.5	—	—	1.8	1.5	—	—	2.4	1.0	—	—	—	—	—
17	4.1	3.4	3.4	2.7	3.5	2.9	3.0	3.9	2.4	—	—	2.5	0.3	—	—	3.4	—	—	0.4	3.2	—	—	—	—
18	4.5	3.9	3.3	3.5	3.6	3.0	2.7	2.0	0.3	—	0.5	4.0	3.2	0.6	—	0.5	2.6	0.3	—	1.0	—	—	—	—
19	2.4	1.2	1.8	3.0	3.8	4.0	5.7	6.0	0.3	—	—	2.3	0.1	—	—	1.1	0.1	—	—	1.7	—	—	—	—
20	2.7	1.8	2.0	4.4	3.6	2.7	2.1	1.0	—	—	1.6	1.7	0.2	0.3	0.8	1.0	1.0	1.3	—	—	—	—	—	—
21	0.4	1.2	2.5	2.7	4.2	7.0	5.8	3.6	—	—	—	—	1.2	—	—	0.1	0.5	—	1.1	1.5	—	—	—	—
22	2.4	2.9	3.0	3.3	4.6	4.4	3.9	3.4	1.2	—	—	1.4	1.8	—	—	1.7	0.5	—	—	2.8	—	—	—	—
23	3.4	3.3	3.0	2.4	2.7	3.0	3.2	3.5	2.2	—	—	1.8	1.8	—	—	2.0	1.4	—	—	2.3	—	—	—	—
24	3.2	3.6	3.9	5.6	5.4	6.3	6.2	5.4	—	—	2.1	1.8	—	—	2.5	1.8	—	—	3.1	1.5	—	—	—	—
25	5.4	5.6	6.6	6.6	6.6	6.3	5.7	5.2	—	—	1.7	4.5	—	—	1.6	4.7	0.4	—	0.7	5.9	—	—	—	—
26	4.7	4.2	3.6	3.1	2.8	2.7	2.7	2.7	—	—	3.4	2.5	—	—	3.1	2.1	—	—	2.8	1.7	—	—	—	—
27	2.5	2.5	1.6	1.3	1.5	2.1	2.7	3.0	—	0.2	2.4	0.1	—	0.2	2.6	0.1	—	0.3	1.5	—	—	—	—	—
28	3.1	3.0	3.4	3.5	3.6	2.8	2.3	2.4	0.3	3.0	0.2	—	0.4	2.9	—	—	0.3	3.3	—	—	—	—	—	—

T a g e s -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Luftdruck	50.76	58.74	64.16	66.34	59.90	53.85	58.08	62.88	48.06	37.52	41.49	49.36	50.41	37.14
Temperatur	-14.35	-22.98	-19.50	-25.61	-21.85	-18.55	-18.99	-19.45	-0.95	-1.51	-6.06	-7.78	-7.78	-2.34
Relative Feuchtigkeit	79	81	69	76	78	80	81	85	92	69	68	86	65	71
Absolute Feuchtigkeit	1.30	0.60	0.70	0.43	0.70	0.90	0.80	1.20	4.13	2.80	1.77	2.53	1.50	2.80
Completive Feuchtigkeit	0.27	0.13	0.33	0.17	0.20	0.23	0.20	0.13	0.40	1.40	1.07	0.30	0.83	1.40

## Februar 1917.

komponenten m/sec																			
10h				13h				16h				19h				22h			
N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
—	—	1.7	4.2	1.7	0.1	0.1	1.5	1.9	0.1	—	0.7	1.2	—	—	0.7	1.3	—	—	1.0
—	—	—	0.9	—	—	—	0.6	—	—	—	0.6	—	—	0.7	0.6	—	—	0.7	—
—	—	0.4	1.1	—	—	0.4	0.8	—	—	—	1.0	—	—	—	2.1	—	—	1.8	—
—	0.9	2.0	—	—	2.7	0.7	—	—	3.5	1.2	—	—	3.5	1.6	—	—	4.2	2.2	—
—	2.6	0.8	—	—	2.1	0.3	—	—	1.8	0.2	—	—	0.7	0.3	—	—	—	—	—
—	—	0.6	1.3	—	—	0.1	1.0	—	—	—	—	0.7	—	—	0.2	0.9	0.1	—	—
0.6	—	0.4	2.1	1.6	—	—	2.2	0.7	—	—	2.2	0.4	—	—	2.2	—	—	2.5	0.52
—	—	0.3	1.6	—	—	0.4	1.4	—	—	1.4	0.9	—	—	2.0	2.0	—	—	2.5	2.2
—	—	1.6	7.2	—	—	0.9	6.1	—	—	1.0	6.2	—	—	0.9	5.4	—	—	0.8	5.2
—	—	0.5	4.4	—	—	0.6	5.7	—	—	0.7	5.3	—	—	0.7	5.6	—	—	0.5	4.1
—	—	0.4	3.6	—	—	0.4	2.9	—	—	0.3	3.8	—	—	0.3	2.6	—	—	0.3	2.7
—	—	1.3	2.6	—	—	3.0	3.0	—	—	2.8	3.0	—	—	2.0	3.3	—	—	1.6	4.1
—	—	0.8	1.5	—	—	1.4	2.9	—	—	1.7	3.9	—	—	3.4	4.6	—	—	4.6	6.0
0.7	—	0.6	6.8	2.1	—	0.3	7.0	1.0	—	0.2	6.8	0.7	—	0.2	5.2	4.4	0.2	0.1	3.4
1.7	—	—	2.0	0.2	—	0.9	1.5	—	0.7	2.5	0.2	—	2.0	2.9	—	—	2.4	2.4	—
—	2.2	0.6	—	—	1.7	—	—	1.8	0.8	—	1.6	3.5	0.3	0.1	1.5	3.2	0.2	—	1.9
—	—	0.4	2.5	2.4	—	—	2.0	1.8	—	—	1.6	0.3	—	—	2.9	—	—	0.6	3.7
2.2	—	—	1.7	2.6	—	—	1.9	1.7	—	—	1.8	1.4	—	—	1.8	0.6	—	—	1.7
—	—	1.4	2.1	—	—	3.0	1.4	—	0.1	3.4	1.2	—	0.1	4.3	2.6	—	—	3.2	3.9
2.5	2.5	—	—	2.5	1.9	—	—	1.9	1.2	—	—	1.8	0.3	—	—	0.8	—	—	0.1
—	—	2.0	1.3	—	—	2.4	2.8	—	0.1	3.7	4.6	—	—	2.1	4.7	—	—	0.4	3.5
—	—	0.8	3.0	—	—	1.2	4.0	2.0	—	0.2	2.9	2.4	—	—	2.2	2.2	—	—	1.8
0.4	—	—	2.2	—	—	0.4	2.5	—	—	0.6	2.7	—	—	1.2	2.6	—	—	1.6	2.6
—	—	4.0	3.2	—	—	4.2	2.4	—	—	3.8	3.7	—	—	3.1	4.4	—	—	2.1	4.5
2.7	—	—	4.8	3.4	—	—	4.6	3.6	0.2	0.2	4.2	—	—	3.4	3.7	—	—	3.6	3.2
—	—	2.3	1.4	—	—	2.4	0.8	—	—	2.6	0.3	—	0.2	2.6	0.1	—	0.1	2.7	0.1
—	0.5	1.1	—	—	0.4	1.4	—	—	1.1	1.4	—	—	1.5	1.9	—	—	2.7	0.6	—
0.7	3.2	—	—	0.9	3.1	—	—	0.5	2.5	—	—	0.1	2.3	—	—	—	2.2	0.6	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

m i t t e l.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	Mtt.
-48.28	42.70	54.21	60.75	60.32	56.38	54.84	54.05	63.71	55.50	45.44	51.99	48.44	53.89	53.18
-11.52	-10.95	-15.81	-18.76	-18.64	-16.69	-17.66	-15.46	-20.62	-13.30	-3.34	-4.92	-1.08	-5.28	-12.92
61	83	78	74	82	85	87	84	81	84	69	76	92	86	79
1.20	1.60	0.80	0.70	1.03	1.03	1.30	1.17	0.73	1.60	2.70	2.50	3.97	2.57	1.61
0.73	0.40	0.27	0.27	0.20	0.17	0.17	0.27	0.17	0.30	1.17	0.67	0.33	0.43	0.45

Februar 1917.

Datum.	B e w ö l k u n g												
	Menge in Zehnteln.						F o r m						
	7h	10h	13h	16h	19h	22h	7h	10h	13h	16h	19h	21h	22h
1	10	10	10	1	0	0	Nb	Nb	Nb	St	—	—	—
2	1	⊙ 2	⊙ 2	10	3	10	St	St	St	AS, St	ACu	CiS, St	CiS
3	10	⊙ 4	⊙ 9	⊙ 1	1	0	St	ACu, St	ACu	ACu	AS	—	—
4	0	⊙ 7	⊙ 7	⊙ 6	4	1	—	Ci	Ci	Ci	CiS	CiS	CiS
5	10	10	10	10	10	10	St	Nb	Nb	Nb	Nb	AS	AS
6	10	10	9	10	10	10	Nb	Nb	Nb	Nb	Nb	Nb	St
7	10	⊙ 10	⊙ 9	⊙ 0	0	0	AS	Nb	AS	—	—	—	—
8	1	⊙ 1	⊙ 1	9	10	10	St	St	St	St	Nb	Nb	Nb
9	10	10	10	10	0	0	St	St	St	St	—	—	—
10	9	⊙ 1	⊙ 5	10	10	10	ACu, St	CiS	Fr-Cu	St	St	St	St
11	10	10	10	7	10	10	St	Nb	St	St	St	St	St
12	2	10	10	10	10	10	St	Nb	Nb	St	Nb	Nb	Nb
13	0	⊙ 0	⊙ 7	⊙ 9	10	10	—	—	Ci	Ci, St	St	St	St
14	10	⊙ 3	⊙ 9	⊙ 1	10	10	St	Fr-Cu	CiS, Cu	Cu, FrCu	Nb	Nb	Nb
15	0	⊙ 2	10	10	10	10	—	CiS, Cu	AS	St	St	Nb	Nb
16	10	⊙ 6	10	10	10	0	Nb	CiS	St	Nb	St	St	—
17	8	8	⊙ 1	⊙ 1	0	0	St, FrSt	St, FrSt	Cu	SCu	—	—	—
18	0	⊙ 0	⊙ 0	⊙ 0	0	0	—	—	—	—	—	—	—
19	8	10	10	10	10	10	AS, St	St	Nb	Nb	Nb	Nb	Nb
20	10	10	⊙ 7	⊙ 1	0	0	St	Nb	St, ACu	St	—	—	—
21	7	⊙ 8	10	10	10	10	St, AS	Ci	St	Nb	St	St	St
22	0	⊙ 1	10	⊙ 2	3	0	—	CiS	St	St	St	—	—
23	0	⊙ 0	⊙ 0	⊙ 0	0	0	—	—	—	—	—	—	—
24	10	10	10	10	10	10	Nb	Nb	Nb	Nb	St	St	St
25	10	⊙ 6	⊙ 1	9	10	10	Nb	FrCu, SCu	SCu	St	St	St	St
26	10	10	10	10	10	10	CiS, St	CiS	AS	St	St	Nb	Nb
27	10	10	10	10	10	10	Nb	Nb	Nb	Nb	Nb	Nb	Nb
28	10	10	10	10	10	10	St	St	St	Nb	Nb	Nb	Nb

S t u n d e n -

Stunden.	Windkomponenten.						Richtung φ°	Resultante R	Geschw.- mittel J
	N	E	S	W	N-S	E-W			
1	0.44	0.36	1.09	2.15	-0.65	-1.78	250	1.90	3.55
4	0.42	0.34	0.98	2.21	-0.56	-1.87	253	1.95	3.44
7	0.35	0.44	0.83	2.27	-0.48	-1.83	255	1.89	3.44
10	0.41	0.42	0.86	2.20	-0.45	-1.77	256	1.82	3.40
13	0.62	0.43	0.88	2.11	-0.25	-1.68	261	1.70	3.45
16	0.60	0.43	1.05	2.06	-0.45	-1.63	255	1.69	3.60
19	0.45	0.39	1.28	2.10	-0.83	-1.71	244	1.90	3.61
22	0.48	0.43	1.18	2.08	-0.70	-1.65	247	1.79	3.61
Mitt.	0.47	0.41	1.02	2.15	-0.55	-1.74	253	1.82	3.51



## Februar 1917.

Datum	Niederschläge mm		Verdunstung mm	Embachstand cm.	B e m e r k u n g e n.	
	7h—21h	21h—7h				
1	0.2	—	0.0		*a,p; †a.	cm. ☒36
2	—	—	0.0		☐n.	☒35
3	—	—	0.0			☒35
4	—	—	0.0			☒34
5	1.2	0.8	0.0		*9 <sup>b</sup> —20 <sup>b</sup> , n; ☐21 <sup>b</sup> .	☒34
6	0.9	0.3	0.0		* <sup>0</sup> a; *p,n.	☒35
7	0.1	—	0.0		* <sup>0</sup> a; ☐n.	☒36
8	0.0	0.2	0.0		☐a; * <sup>0</sup> p; *n.	☒36
9	1.5	—	0.0		≡, Va; *12 <sup>b</sup> 30 <sup>m</sup> —14 <sup>b</sup> 30 <sup>m</sup> .	☒34
10	0.1	—	0.7		*16 <sup>b</sup> 45 <sup>m</sup> —17 <sup>b</sup> 30 <sup>m</sup> .	☒32
11	0.1	—	0.3	E i s d e c k e.	* <sup>0</sup> g <sup>b</sup> —12 <sup>b</sup> .	☒32
12	0.3	0.1	0.0		*9 <sup>b</sup> 10 <sup>m</sup> —14 <sup>b</sup> ; 18 <sup>b</sup> 30 <sup>m</sup> —n.	☒32
13	—	—	0.3			☒33
14	0.1	0.1	0.8		*13 <sup>b</sup> 50 <sup>m</sup> —14 <sup>b</sup> 25 <sup>m</sup> , n; Δ 14 <sup>b</sup> 15 <sup>m</sup> —25 <sup>m</sup> .	☒32
15	0.6	1.3	0.1		*18 <sup>b</sup> mit Unterbrechungen—n.	☒31
16	2.7	—	0.1		*—9 <sup>b</sup> 30 <sup>m</sup> , 13 <sup>b</sup> 15 <sup>m</sup> —15 <sup>b</sup> , 16 <sup>b</sup> —17 <sup>b</sup> 30 <sup>m</sup> .	☒32
17	—	0.2	0.0		*n.	☒33
18	—	—	0.1			☒32
19	0.2	1.1	0.0		*11 <sup>b</sup> 20 <sup>m</sup> mit Unterbr.—n; †12 <sup>b</sup> —n.	☒31
20	0.1	—	0.0		*7 <sup>b</sup> 45 <sup>m</sup> —11 <sup>b</sup> ; ☐n.	☒33
21	0.4	0.2	0.0		*13 <sup>b</sup> 50 <sup>m</sup> —18 <sup>b</sup> , n.	☒31
22	0.1	—	0.1		*13 <sup>b</sup> 15 <sup>m</sup> —15 <sup>b</sup> 35 <sup>m</sup> .	☒32
23	—	0.0	0.0		* <sup>0</sup> n.	☒29
24	0.3	0.4	0.0		* <sup>0</sup> a; *13 <sup>b</sup> —18 <sup>b</sup> 30 <sup>m</sup> , n; †a.	☒28
25	0.2	—	0.5		*7 <sup>b</sup> —8 <sup>b</sup> 15 <sup>m</sup> , 8 <sup>b</sup> 34 <sup>m</sup> —9 <sup>b</sup> 20 <sup>m</sup> .	☒28
26	0.6	2.0	0.2		*20 <sup>b</sup> 30 <sup>m</sup> —n.	☒28
27	2.3	0.3	0.2		*a,p,n.	☒29
28	0.1	0.1	0.0		*8 <sup>b</sup> 44 <sup>m</sup> —9 <sup>b</sup> 35 <sup>m</sup> , 16 <sup>b</sup> —n.	☒30

m i t t e l.

Luftdruck.	Temperatur.	Relative Feuchtigkeit.	Bewölkung	Stunden.
53.13	—13.43	81	—	1
53.09	—14.12	80	—	4
53.17	—14.52	81	6.6	7
53.36	—14.06	79	6.4	10
53.35	—11.39	74	7.4	13
53.14	—11.36	74	6.7	16
53.15	—11.95	79	6.5	19
53.08	—12.53	82	6.1	22
53.18	—12.92	79	6.6	Mitt.

März 1917.

Datum	Luftdruck 700 mm. +								Temperatur							
	1h	4h	7h	10h	13h	16h	19h	22h	1h	4h	7h	10h	13h	16h	19h	22h
1	55.7	56.1	56.5	57.9	58.1	58.8	59.1	59.8	- 6.1	- 6.5	- 7.0	- 6.4	- 4.9	- 5.1	- 6.6	- 7.2
2	60.7	61.6	62.8	64.2	65.2	65.8	66.3	67.0	-10.2	-13.6	-18.2	-17.5	-14.5	-15.2	-17.3	-18.8
3	67.6	67.7	67.8	67.9	67.6	66.8	66.5	66.3	-19.7	-20.8	-22.6	-20.0	-13.8	-13.0	-15.0	-17.8
4	66.0	64.8	63.8	63.4	63.1	62.0	62.0	62.2	-18.9	-19.0	-18.5	-16.3	-14.5	-12.6	-12.9	-15.0
5	62.9	63.0	63.1	63.4	62.8	62.2	61.5	61.4	-16.3	-17.6	-19.6	-17.9	-12.4	-10.7	-10.6	-10.6
6	61.8	61.8	61.5	61.0	60.5	60.0	59.9	59.8	-12.4	-15.2	-17.4	-16.0	-13.9	-13.0	-13.8	-16.0
7	59.8	59.5	59.1	58.6	57.4	57.0	57.7	58.1	-17.0	-18.0	-19.1	-18.0	-13.7	-13.0	-14.0	-16.3
8	58.3	58.9	59.1	59.0	58.7	58.2	58.2	57.8	-17.0	-17.4	-17.9	-15.7	-10.8	-10.0	-10.4	-10.2
9	57.7	56.8	56.1	55.7	55.0	53.7	53.0	52.4	-11.4	-11.7	-10.5	- 8.0	- 5.8	- 5.3	- 6.0	- 6.5
10	50.8	49.8	48.9	48.4	48.0	48.4	49.0	49.7	- 7.6	- 8.4	- 9.6	- 9.2	- 7.9	- 8.0	- 8.5	- 9.2
11	50.2	50.6	51.3	51.9	52.5	52.9	53.7	54.1	- 9.4	- 9.5	- 9.6	- 9.3	- 8.6	- 7.9	- 9.3	-11.9
12	54.7	55.0	55.3	55.6	55.7	55.4	56.0	57.4	-13.9	-15.6	-17.7	-14.8	- 8.7	- 6.5	- 9.5	-12.2
13	58.1	58.8	59.2	60.3	60.4	59.4	58.3	56.8	-15.0	-17.0	-18.4	-15.5	-10.6	-10.2	-12.3	-14.0
14	54.5	50.9	47.7	45.4	42.4	40.3	38.0	38.8	-14.2	-14.0	-11.6	- 9.6	- 7.2	- 5.5	- 4.0	- 6.2
15	41.2	42.3	43.7	45.0	46.1	47.1	50.1	53.0	-11.3	-12.0	-12.1	-11.4	- 7.6	- 8.5	-10.0	-11.3
16	54.4	56.5	59.0	60.5	61.9	62.7	62.7	62.0	-15.0	-18.6	-19.0	-14.0	-11.1	-10.3	-14.5	-16.6
17	59.7	55.7	51.1	48.5	49.3	52.0	55.5	57.0	-14.2	-11.2	- 9.8	- 8.0	- 9.2	-10.2	-12.7	-14.6
18	57.7	58.1	58.2	57.6	55.6	53.0	50.0	47.5	-17.4	-18.3	-17.8	-13.3	- 8.4	- 8.0	- 9.9	-11.3
19	45.4	43.9	42.6	42.8	43.0	43.4	43.6	44.0	-12.4	-13.2	-14.1	-11.4	- 9.4	- 9.1	-11.2	-13.5
20	44.0	44.1	44.4	44.6	44.5	44.9	46.2	47.1	-16.6	-17.3	-19.8	-18.0	-10.9	-10.6	-14.5	-17.8
21	48.1	49.0	49.7	50.8	51.7	51.1	51.8	52.1	-19.2	-20.7	-21.5	-17.5	-13.2	-12.5	-16.0	-18.6
22	51.7	51.2	50.8	50.8	51.2	51.9	53.1	54.2	-19.1	-20.5	-20.5	-16.7	-12.7	-11.1	-11.3	-14.4
23	55.5	56.7	58.3	59.8	60.6	60.3	60.6	60.6	-16.6	-18.3	-19.3	-16.5	-10.4	- 8.0	-12.0	-13.8
24	60.8	60.0	58.9	58.0	57.9	57.7	57.2	57.0	-15.6	-15.9	-12.4	- 8.1	- 3.3	- 2.2	- 2.0	- 1.6
25	56.5	55.0	53.1	51.8	50.2	48.0	46.4	44.8	- 1.9	- 2.4	- 3.0	- 2.0	0.0	0.0	- 1.0	- 3.4
26	43.5	42.3	41.0	40.7	40.4	40.0	40.2	40.4	- 3.4	- 3.0	- 3.2	- 1.0	2.1	2.3	1.2	1.0
27	40.6	40.8	41.0	41.8	43.1	44.0	46.5	49.0	1.0	1.1	0.5	0.4	1.0	1.4	- 1.4	- 3.4
28	50.1	50.5	50.8	51.0	50.7	50.0	50.0	50.1	- 6.8	-10.6	-13.4	-11.0	- 7.6	- 7.0	- 8.1	-10.1
29	50.1	50.2	50.1	50.5	50.1	49.9	49.8	49.9	-12.7	-14.2	-16.0	- 9.7	- 6.0	- 2.2	- 5.0	- 9.0
30	49.8	49.2	48.8	48.5	47.7	46.1	44.7	43.6	-11.0	-12.8	-13.6	- 7.0	- 0.2	1.2	- 1.0	- 1.7
31	42.5	40.9	40.2	40.2	40.7	40.8	41.7	42.3	- 0.9	0.0	- 0.1	1.2	2.4	2.6	0.9	0.7

## Ergänzende Beobach-

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Luftdruck. . . . .	59.5	67.0	66.4	62.2	61.4	59.8	57.9	57.9	52.4	49.6	54.0	56.8	57.3	37.2	
Temperatur . . .	-6.9	-18.4	-17.5	-14.3	-10.6	-15.4	-15.8	-10.1	-6.4	-9.0	-10.9	-12.2	-13.8	-2.4	
Relative Feucht..	89	76	79	69	85	80	75	71	66	90	78	78	66	96	
Bewölkung . . . .	10	0	3	10	10	4	0	0	10	10	3	0	10	10	
Temperatur {	max.	-3.2	-6.5	-12.9	-12.6	-9.6	-10.4	-12.2	-9.5	-5.1	-6.3	-7.5	-4.6	-9.8	-2.4
	min.	-7.2	-18.8	-23.6	-20.1	-21.6	-17.8	-19.6	-18.8	-13.2	-10.1	-11.6	-18.5	-19.4	-14.3

März 1917.

Datum	Relative Feuchtigkeit %								Absolute Feuch- tigkeit mm.			Completive Feucht. mm.			Feuchtes Thermometer		
	1h	4h	7h	10h	13h	16h	19h	22h	7h	13h	21h	7h	13h	21h	7h	13h	21h
1	89	90	90	88	81	79	88	89	2.4	2.6	2.4	0.3	0.6	0.3	-7.3	-5.7	-7.2
2	87	83	82	78	70	66	73	77	0.9	1.0	0.8	0.2	0.4	0.3	-18.4	-15.0	-18.7
3	85	84	84	80	72	69	74	80	0.6	1.1	0.9	0.1	0.4	0.2	-22.8	-14.5	-17.9
4	85	84	84	80	71	67	68	70	0.9	1.1	1.0	0.2	0.4	0.5	-18.7	-15.0	-15.0
5	74	80	85	80	64	65	79	85	0.8	1.1	1.7	0.2	0.6	0.3	-19.8	-13.1	-11.0
6	72	73	82	77	71	71	73	78	1.0	1.1	1.1	0.2	0.5	0.3	-17.4	-14.5	-11.8
7	82	83	85	82	70	66	73	75	0.9	1.1	1.0	0.2	0.5	0.3	-19.3	-14.4	-16.3
8	80	81	84	76	67	65	69	73	1.0	1.4	1.5	0.2	0.7	0.6	-18.2	-11.8	-11.0
9	78	82	89	87	73	69	66	69	1.8	2.2	1.9	0.2	0.8	1.0	-10.8	-6.8	-7.6
10	72	74	89	86	84	87	88	89	2.0	2.1	2.1	0.2	0.4	0.2	-9.4	-8.5	-9.2
11	88	86	84	74	62	61	70	79	1.9	1.5	1.6	0.4	0.9	0.4	-10.1	-9.8	-11.4
12	83	86	87	80	60	56	64	81	1.0	1.4	1.4	0.2	1.0	0.4	-17.9	-9.7	-12.7
13	80	85	90	88	64	64	65	67	1.0	1.3	1.0	0.1	0.7	0.5	-18.5	-11.5	-14.6
14	70	74	86	84	83	88	92	94	1.6	2.2	3.7	0.3	0.4	0.2	-11.9	-7.8	-2.6
15	88	85	84	78	63	74	65	60	1.5	1.6	1.3	0.3	1.0	0.7	-12.4	-8.7	-11.7
16	66	72	73	62	46	39	45	64	0.8	0.9	0.8	0.3	1.1	0.5	-19.3	-12.5	-17.0
17	69	68	84	88	71	63	62	60	1.8	1.6	0.9	0.4	0.7	0.6	-10.2	-9.9	-15.1
18	66	71	69	56	53	49	48	64	0.8	1.3	1.0	0.4	1.1	1.0	-18.1	-9.6	-11.9
19	78	84	89	75	62	60	77	87	1.4	1.4	1.5	0.2	0.8	0.2	-14.2	-10.4	-13.1
20	90	87	88	86	61	56	72	81	0.8	1.2	0.9	0.1	0.8	0.2	-19.9	-11.8	-17.7
21	86	86	86	85	67	63	71	79	0.7	1.1	0.8	0.1	0.6	0.2	-21.6	-13.8	-18.5
22	75	77	78	71	61	60	80	90	0.7	1.1	1.4	0.2	0.7	0.2	-20.6	-13.4	-14.0
23	86	85	89	83	62	54	64	67	0.9	1.3	1.1	0.1	0.8	0.6	-19.4	-11.2	-13.7
24	77	85	82	80	74	77	92	94	1.5	2.7	3.8	0.3	0.9	0.2	-12.8	-4.3	-1.9
25	94	95	96	93	75	56	57	75	3.5	3.4	2.8	0.2	1.1	0.9	-3.2	-1.4	-4.2
26	75	76	85	88	77	80	90	90	3.1	4.1	4.4	0.5	1.2	0.5	-3.8	0.7	0.4
27	90	84	90	93	95	94	87	70	4.3	4.9	2.6	0.5	0.0	0.9	-0.1	0.7	-4.6
28	58	59	61	55	46	43	48	60	1.0	1.2	1.3	0.6	1.4	0.9	-14.5	-9.2	-10.9
29	71	79	83	65	40	29	36	54	1.1	1.2	1.2	0.2	1.8	1.3	-16.3	-7.8	-9.9
30	61	68	72	60	54	51	63	68	1.2	2.4	2.6	0.4	2.1	1.3	-14.5	-2.5	-3.4
31	82	87	94	93	89	87	96	95	4.3	4.8	4.5	0.3	0.6	0.2	-0.4	1.7	0.0

t u n g e n u m 21 h.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mtt.
52.2	62.7	56.7	48.4	44.0	46.8	52.0	53.9	60.6	57.1	45.5	40.3	48.4	50.1	49.9	44.2	42.1	53.36
-10.9	-16.4	-14.6	-11.0	-12.9	-17.4	-18.2	-13.8	-13.2	-1.7	-2.9	1.0	-3.4	-9.6	-8.5	-2.1	0.4	-10.29
63	61	60	52	86	80	77	89	65	95	75	90	74	58	48	67	95	75
1	1	0	5	10	2	3	0	0	10	10	10	10	3	2	9	9	5.3
-2.4	-9.3	-6.5	-6.5	-8.4	-10.3	-11.1	-10.4	-7.0	-1.7	0.1	2.5	1.9	-3.2	-2.2	2.1	3.3	-5.86
-12.8	-20.5	-17.0	-21.1	-15.1	-21.7	-23.8	-21.6	-20.3	-16.6	-3.7	-4.2	-3.7	-14.0	-17.0	-15.7	-2.6	-15.68



März 1917.

Datum.	Windgeschwindigkeit m/sec.								W i n d															
									1h				4h				7h							
	1h	4h	7h	10h	13h	16h	19h	22h	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
1	1.8	1.6	1.5	2.0	2.0	2.4	2.2	2.4	—	1.4	0.8	—	—	1.4	0.7	—	—	1.3	0.5	—	—	—	—	—
2	3.2	4.4	4.2	3.6	2.9	2.7	2.8	2.4	—	2.8	1.0	—	—	4.0	1.0	—	—	4.0	0.7	—	—	—	—	—
3	1.9	2.4	1.7	2.1	2.5	3.0	2.9	2.5	0.2	1.8	0.1	—	0.2	2.2	0.3	—	1.1	1.2	0.2	—	—	—	—	—
4	1.8	1.6	2.5	3.3	3.3	3.9	3.8	3.4	1.6	0.6	—	—	1.3	0.5	—	—	1.4	1.6	—	—	—	—	—	—
5	2.9	2.7	2.7	3.0	3.0	3.7	3.9	3.6	1.6	1.8	—	—	1.6	1.6	—	—	1.4	1.7	0.4	—	—	—	—	—
6	4.8	4.5	4.4	3.9	4.1	4.2	4.4	3.9	0.9	4.1	0.5	—	1.9	3.0	0.7	—	2.3	2.8	0.2	—	—	—	—	—
7	3.3	3.0	3.2	3.1	2.8	3.2	3.3	3.0	0.3	3.0	0.3	—	0.2	2.9	0.2	—	0.4	3.0	0.1	—	—	—	—	—
8	3.2	2.7	3.3	4.4	5.0	6.0	5.5	5.5	0.1	3.1	0.1	—	0.1	2.7	0.1	—	0.2	3.1	0.2	—	—	—	—	—
9	4.3	5.4	4.9	6.5	6.6	5.8	5.1	4.9	0.3	4.1	0.1	—	1.1	4.7	0.2	—	1.6	3.9	0.3	—	—	—	—	—
10	4.5	4.8	5.7	6.1	5.4	3.9	3.6	3.0	1.7	3.2	0.7	—	2.5	2.9	0.8	—	3.4	3.2	0.5	—	—	—	—	—
11	2.7	2.4	2.8	3.7	3.6	3.2	3.1	2.7	2.2	0.2	—	0.6	1.9	0.1	—	1.1	1.7	—	—	1.6	—	—	—	—
12	3.1	2.8	2.7	2.9	3.2	3.0	2.7	1.2	0.3	—	—	3.0	0.3	—	—	2.7	0.2	—	—	2.7	—	—	—	—
13	0.6	1.3	2.0	2.6	3.9	3.5	4.3	4.9	0.6	—	—	—	1.3	—	—	—	1.5	0.6	—	—	0.2	—	—	—
14	5.2	4.5	4.4	4.6	4.0	2.7	2.5	5.3	—	4.2	2.0	—	—	3.6	1.9	—	—	3.1	2.5	—	—	—	—	—
15	4.8	3.8	4.5	4.2	4.1	4.6	3.6	1.5	0.4	—	0.1	4.5	0.3	—	—	3.6	0.7	—	—	4.2	—	—	—	—
16	1.7	2.1	2.4	4.4	4.5	4.1	3.4	3.9	0.1	—	—	1.7	0.1	—	—	2.1	1.3	—	—	1.6	—	—	—	—
17	5.4	7.5	9.0	7.8	7.3	5.5	3.4	3.0	—	—	2.5	3.8	—	—	3.7	5.4	—	—	3.8	6.5	—	—	—	—
18	3.0	3.3	1.8	2.1	1.2	0.9	1.2	1.7	0.2	—	—	3.0	—	—	0.2	3.3	—	—	0.3	1.8	—	—	—	—
19	2.4	1.6	2.1	1.5	2.0	1.6	1.0	1.5	—	2.0	0.8	—	—	1.4	0.4	—	—	1.7	0.8	—	—	—	—	—
20	2.1	2.7	1.1	2.9	4.2	3.9	3.2	2.2	1.9	0.2	—	0.3	2.6	—	—	0.2	0.7	0.4	—	0.4	—	—	—	—
21	2.2	1.2	0.7	1.2	2.5	2.4	2.3	2.2	1.0	1.4	—	—	0.7	0.7	—	—	0.6	0.2	—	—	—	—	—	—
22	3.2	3.0	3.0	3.9	4.4	3.7	2.7	2.1	0.2	3.1	—	—	0.2	3.0	—	—	0.2	3.0	—	—	—	—	—	—
23	2.4	2.1	1.7	1.2	1.9	2.4	2.8	3.4	1.9	0.8	—	—	1.6	0.7	—	—	1.4	0.6	—	—	—	—	—	—
24	3.1	5.4	5.4	6.0	6.7	6.8	5.7	5.6	—	—	1.4	2.3	—	—	2.0	4.2	—	—	2.3	4.2	—	—	—	—
25	6.0	6.0	5.1	6.4	6.3	4.8	5.0	4.5	—	—	1.9	4.9	—	—	2.9	4.5	—	—	2.9	3.5	—	—	—	—
26	3.8	3.3	2.1	2.1	2.8	3.2	3.5	3.8	—	—	3.4	0.9	—	—	3.0	0.7	—	—	2.0	0.4	—	—	—	—
27	3.5	3.1	2.8	3.1	3.1	2.1	2.7	2.7	—	—	2.1	2.1	—	—	2.1	1.7	—	—	1.8	1.6	—	—	—	—
28	1.9	1.5	1.0	0.9	1.1	0.7	0.4	0.4	1.7	0.3	—	0.2	1.4	—	—	0.2	1.0	—	—	—	—	—	—	—
29	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	0.6	1.7	1.4	1.0	2.6	2.9	3.3	3.8	—	0.2	0.5	—	—	0.1	1.7	—	—	1.2	1.2	—	—	—	—	—
31	3.4	3.0	1.1	1.2	0.9	0.9	2.4	3.3	—	0.6	3.2	—	—	0.8	2.6	—	—	0.3	0.9	0.1	—	—	—	—

T a g e s -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Luftdruck	57.75	64.20	67.28	63.41	62.54	60.79	58.40	58.52	55.05	49.12	52.15	55.64	58.91	44.75	46.06
Temperatur	-6.22	-15.66	-17.84	-15.96	-14.42	-14.71	-16.14	-13.68	-8.15	-8.55	-9.44	-12.36	-14.12	-9.04	-10.52
Relative Feuchtigkeit	87	77	78	76	76	75	77	74	77	84	76	75	75	84	75
Absolute Feuchtigkeit	2.47	0.90	0.87	1.00	1.20	1.07	1.00	1.30	1.97	2.07	1.67	1.27	1.10	2.50	1.47
Completive Feuchtigkeit	0.40	0.30	0.23	0.37	0.37	0.33	0.33	0.50	0.67	0.27	0.57	0.53	0.43	0.30	0.67

März 1917.

komponenten m/sec.																			
10h				13h				16h				19h				22h			
N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
—	1.2	1.3	—	—	1.0	1.4	—	—	1.0	1.9	—	—	1.0	1.7	—	—	1.7	1.4	—
—	3.3	0.7	—	—	2.9	0.2	—	0.2	2.6	—	—	—	2.8	—	—	—	2.4	0.1	—
1.8	0.7	—	—	2.0	1.2	—	—	1.3	2.1	0.5	—	2.0	1.3	0.3	—	1.7	1.2	0.2	—
1.1	2.5	—	—	1.0	2.6	—	—	2.1	2.4	—	—	1.6	2.8	—	—	1.3	2.6	—	—
0.9	2.4	0.3	—	0.8	2.5	0.2	—	1.9	2.3	0.5	—	2.4	2.1	0.3	—	1.2	2.8	0.5	—
1.7	2.6	0.3	—	1.1	3.2	0.4	—	1.7	3.0	0.5	—	0.8	3.9	0.3	—	0.8	3.4	0.3	—
0.4	2.9	0.2	—	0.4	2.6	0.3	—	0.9	2.5	0.5	—	0.6	2.9	0.3	—	—	3.0	0.3	—
0.3	4.1	0.3	—	0.6	4.6	0.4	—	0.8	5.5	0.2	—	0.7	5.1	0.2	—	0.7	5.0	0.2	—
1.1	5.6	0.6	—	1.3	5.9	0.2	—	1.2	4.8	0.6	—	1.1	4.3	0.5	—	0.8	4.2	0.7	—
3.6	3.5	0.2	—	3.2	3.0	0.2	—	2.9	1.6	0.1	—	3.1	0.5	—	0.2	2.8	0.4	—	0.2
2.0	—	—	2.3	2.4	—	—	2.0	1.7	—	—	1.9	1.6	—	—	2.2	0.8	—	—	2.2
0.4	—	—	2.8	0.6	—	—	3.0	2.5	—	—	0.9	2.6	—	—	0.4	1.1	—	—	0.1
—	2.3	0.6	—	—	3.5	1.0	—	—	3.0	1.1	—	—	3.6	1.6	—	—	3.9	2.0	—
—	2.3	3.3	—	—	1.6	3.3	—	—	1.4	2.0	—	—	0.1	2.1	0.7	1.2	—	0.2	4.4
0.1	—	0.1	4.1	0.6	—	—	3.8	1.3	—	—	3.8	1.8	—	—	2.5	0.9	—	—	0.8
2.8	—	—	2.3	2.7	—	—	2.5	1.3	—	—	3.3	—	—	0.3	3.2	—	—	0.9	3.5
0.2	—	1.8	6.5	4.5	—	—	4.0	4.3	0.6	—	1.2	2.4	0.2	—	1.4	1.0	—	—	2.5
—	—	0.8	1.8	—	—	0.5	0.8	—	—	1.0	0.1	—	0.1	1.2	—	—	1.2	1.0	—
—	1.2	0.7	—	0.2	1.5	0.6	0.2	1.5	0.2	—	—	1.0	—	—	—	1.5	—	—	0.1
2.1	—	—	1.2	2.7	2.2	—	0.3	1.9	—	—	2.7	1.6	2.1	—	—	1.0	1.5	—	—
0.6	0.6	—	0.4	0.5	2.3	—	—	1.3	1.8	—	—	1.3	1.6	—	—	0.7	1.9	—	—
0.3	3.7	—	—	0.4	4.2	—	—	1.1	3.1	—	—	0.7	2.3	—	—	1.5	1.1	—	—
1.0	0.4	—	—	0.6	0.2	—	1.4	0.2	—	0.2	2.2	—	—	0.5	2.6	—	—	1.3	2.7
—	—	2.4	4.4	—	—	1.9	5.4	—	—	1.6	5.8	—	—	1.1	5.1	—	—	1.3	4.9
—	—	3.1	4.6	—	—	3.1	4.4	—	—	3.0	2.8	—	—	2.5	3.5	—	—	2.7	2.6
—	—	1.9	0.5	—	—	2.5	0.8	—	—	2.8	1.0	—	—	2.7	1.5	—	—	2.5	2.0
—	—	1.7	1.9	—	—	1.5	2.3	0.8	—	0.3	1.5	2.1	0.1	—	1.0	2.3	0.4	—	0.4
0.8	0.2	—	—	0.7	0.4	—	0.2	0.5	0.4	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	0.6	—	—	—	—	—	—	—	—	—	—	—	0.6	—	—
—	0.5	0.8	—	—	0.7	2.3	—	—	1.2	2.4	—	—	1.6	2.5	—	—	0.9	3.3	—
—	—	0.7	0.9	—	—	0.4	0.7	—	—	0.7	0.5	—	—	0.6	2.0	—	—	1.7	2.2

m i t t e l.

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mtt.
59.96	53.60	54.71	43.59	44.98	50.54	51.86	59.05	58.44	50.72	41.06	43.35	50.40	50.08	47.30	41.16	53.40
-14.89	-11.24	-13.05	-11.79	-15.69	-17.40	-15.79	-14.36	-7.64	-1.71	-0.50	0.08	-9.32	-9.35	-5.76	0.85	-10.79
58	71	60	76	78	78	74	74	83	80	81	87	54	57	62	90	75
0.83	1.43	1.03	1.43	0.97	0.87	1.07	1.10	2.67	3.23	3.87	3.93	1.17	1.17	2.07	4.53	1.71
0.63	0.57	0.83	0.40	0.37	0.30	0.37	0.50	0.47	0.73	0.73	0.47	0.97	1.10	1.27	0.37	0.53

März 1917.

Datum	B e w ö l k u n g												
	Menge in Zehnteln						F o r m						
	7h	10h	13h	16h	19h	22h	7h	10h	13h	16h	19h	21h	22h
1	10	10	10	10	10	10	Nb	Nb	St	Nb	Nb	Nb	Nb
2	3	0	0	0	0	0	CiS, St	—	—	—	—	—	—
3	1	0	1	2	8	4	St	—	AS	CiS	CiS, St	CiS	CiS
4	9	2	3	8	3	7	St, ACu	CiS	CiS	CiS	CiS, St	St, AS	St, CiS
5	1	0	0	10	10	10	St	—	—	Nb	St	Nb	Nb
6	9	10	10	10	8	8	CiS, St	Nb	AS, CiS	St, ACu	St	CiS, St	CiS, St
7	1	1	1	0	1	0	St	CiS	CiS	—	St	—	—
8	0	0	0	0	0	0	—	—	—	—	—	—	—
9	10	10	10	10	10	10	Nb	Nb	AS, St	Nb	St	St	St
10	10	10	10	10	10	10	Nb	Nb	Nb	Nb	Nb	Nb	Nb
11	10	9	1	2	1	1	St	CiCu, SCu	CiS, St	CiS	CiS	CiS, St	CiS
12	1	1	9	2	0	0	St, CiS	CiS	CiS, AS	CiS	—	—	—
13	2	9	10	10	10	10	Ci	ACu, St	St	St	St	AS	St
14	10	10	10	10	10	10	Nb	Nb	Nb	Nb	Nb	Nb	Nb
15	10	1	5	10	1	1	Nb	FrSt	FrCu	Nb	St	St	St
16	1	0	1	0	0	1	AS	—	Cu	—	—	St	St
17	10	10	7	6	1	0	Nb	Nb	FrCu	Cu	CiS	—	—
18	8	6	10	10	4	7	AS, CiS	AS, CiS	CiCu, CiS	AS	St	St	St
19	2	1	9	8	10	10	CiS	CiS	Ci, CiS	Ci, ACu	St	St	St
20	1	9	3	1	0	2	St, CiS	ACu	Cu	St	—	St	St
21	2	2	0	0	3	3	∞	CiS	—	—	CiS	CiS	CiS
22	10	10	10	10	5	0	CiS	St	St	St	St	—	—
23	0	0	0	0	0	0	—	—	—	—	—	—	—
24	10	9	10	10	10	10	ACu, St	ACu	St	St	Nb	St	St
25	10	10	9	10	10	10	St	St	ACu	St	St	Nb	Nb
26	10	10	10	10	10	10	Nb	St	St	St	Nb	Nb	Nb
27	10	10	10	10	10	10	Nb	Nb	Nb	Nb	St	St	St
28	0	0	1	6	2	3	—	—	AS	CiS, Ci	Ci	Ci, St	Ci, St
29	9	10	10	10	6	1	CiS	CiS, St	CiS	CiS	CiS, AS	CiS	CiS
30	1	1	1	3	3	9	CiS	CiS	CiS, Cu	CiS	St	St	St
31	10	10	10	10	10	10	Nb	St	St	St	St	St	St

S t u n d e n -

Stunden	W i n d k o m p o n e n t e n						Richtung $\varphi^0$	Resultante R	Geschw.- mittel J
	N	E	S	W	N—S	E—W			
1	0.64	1.25	0.69	0.88	—0.06	0.37	99	0.38	3.01
4	0.62	1.17	0.79	0.96	—0.17	0.21	128	0.27	3.09
7	0.68	1.19	0.70	0.93	—0.02	0.26	94	0.26	2.95
10	0.68	1.29	0.70	1.09	—0.02	0.20	95	0.20	3.29
13	0.85	1.51	0.66	1.03	0.19	0.48	68	0.52	3.50
16	1.01	1.27	0.64	0.89	0.37	0.38	46	0.53	3.29
19	0.88	1.24	0.60	0.85	0.28	0.39	54	0.48	3.13
22	0.69	1.21	0.68	0.92	0.00	0.29	89	0.29	3.06
Mitt.	0.76	1.27	0.68	0.94	0.07	0.32	77	0.33	3.07

März 1917.

Datum	Niederschläge mm.		Ver- dunstung mm.	Embach- stand cm.	B e m e r k u n g e n
	7h—21h	21h—7h			
1	3.1	0.8	0.1	E i s d e c k e	*—11 <sup>b</sup> , 15 <sup>b</sup> 9 <sup>m</sup> —n. ☒31
2	—	—	0.1		☒n. ☒34
3	—	—	0.1		☒33
4	0.1	—	0.0		*12 <sup>b</sup> 40 <sup>m</sup> —55 <sup>m</sup> ; ☒19 <sup>b</sup> 28 <sup>m</sup> —20 <sup>b</sup> . ☒33
5	0.2	0.2	0.1		*15 <sup>b</sup> 40 <sup>m</sup> —17 <sup>b</sup> , n. ☒33
6	0.1	—	0.0		*08 <sup>b</sup> —11 <sup>b</sup> ; 1·17 <sup>b</sup> ; ☒21 <sup>b</sup> 20 <sup>m</sup> ; ☒0n. ☒32
7	—	—	0.1		1·17 <sup>b</sup> . ☒32
8	—	0.1	0.1		*n. ☒32
9	0.2	0.4	0.0		*, ☒—12 <sup>b</sup> , 13 <sup>b</sup> 25 <sup>m</sup> —16 <sup>b</sup> ; *n. ☒32
10	2.4	0.1	0.2		*, ☒—p; *0n. ☒33
11	—	—	0.0		☒35
12	—	—	0.2		☒35
13	—	0.7	0.1		*n. ☒35
14	3.5	0.1	0.0		*, ☒—n. ☒35
15	0.3	—	0.1		*—9 <sup>b</sup> 15 <sup>m</sup> , 14 <sup>b</sup> 15 <sup>m</sup> —17 <sup>b</sup> ; *0a. ☒38
16	—	0.1	0.3		[17 <sup>b</sup> —17 <sup>b</sup> 30 <sup>m</sup> ; ☒14 <sup>b</sup> 15 <sup>m</sup> —17 <sup>b</sup> ☒37
17	0.1	—	0.1		*0, ☒n. ☒33
18	—	0.3	0.3		*, ☒—12 <sup>b</sup> 40 <sup>m</sup> . ☒31
19	—	0.1	0.1		⊕13 <sup>b</sup> ; *n. ☒30
20	—	—	0.1		*n. ☒30
21	—	—	0.1		☒30
22	0.1	—	0.1		*017 <sup>b</sup> 40 <sup>m</sup> —18 <sup>b</sup> 30 <sup>m</sup> . ☒30
23	—	—	0.1		☒30
24	0.2	0.1	0.6		*011 <sup>b</sup> 35 <sup>m</sup> —45 <sup>m</sup> , n; *16 <sup>b</sup> 20 <sup>m</sup> —20 <sup>b</sup> 40 <sup>m</sup> ; ☒30
25	0.2	0.3	0.6		*7 <sup>b</sup> 30 <sup>m</sup> —8 <sup>b</sup> 30 <sup>m</sup> , n. [☒17 <sup>b</sup> —18 <sup>b</sup> . ☒29
26	0.4	0.1	0.7		*0—7 <sup>b</sup> 40 <sup>m</sup> ; *17 <sup>b</sup> 55 <sup>m</sup> —n. ☒29
27	1.2	—	0.4		*—18 <sup>b</sup> . ☒27
28	—	—	0.3		☒27
29	—	—	0.5		☒27
30	—	8.3	0.5		*n. ☒26
31	1.7	—	0.6		*—7 <sup>b</sup> 40 <sup>m</sup> , 16 <sup>b</sup> 45 <sup>m</sup> —18 <sup>b</sup> 30 <sup>m</sup> ; *0, ●a. ☒36

m i t t e l.

Luft- druck	Tempe- ratur	Relative Feuchtig- keit	Bewölkung	Stunden
53.88	—12.33	78	—	1
53.60	—13.30	80	—	4
53.35	—13.96	84	5.8	7
53.41	—11.55	79	5.5	10
53.29	— 8.12	67	5.8	13
53.03	— 7.35	65	6.4	16
53.20	— 8.99	71	5.4	19
53.43	—10.69	76	5.4	22
53.40	—10.79	75	5.7	Mitt.

April 1917.

Datum	Luftdruck 700 mm. +								Temperatur							
	1h	4h	7h	10h	13h	16h	19h	22h	1h	4h	7h	10h	13h	16h	19h	22h
1	43.6	44.1	45.7	46.6	47.4	47.4	47.1	46.1	— 0.2	0.7	1.3	3.0	5.0	5.2	3.7	2.2
2	45.1	45.2	46.3	47.6	48.5	49.3	49.9	50.6	1.0	1.5	1.3	2.4	3.8	4.2	2.5	0.4
3	50.5	50.0	48.8	48.0	46.6	45.0	45.1	46.3	— 0.5	—1.6	—0.5	1.4	0.6	0.3	0.0	—0.4
4	49.4	51.1	53.4	55.0	55.3	54.2	53.1	51.0	— 0.8	—1.3	—1.1	—0.5	0.4	0.4	0.0	0.2
5	48.9	48.8	50.0	51.4	51.5	51.7	52.2	53.2	0.5	0.8	0.2	0.4	4.1	3.2	2.2	1.3
6	53.5	54.4	55.7	56.5	55.8	55.1	54.0	53.2	0.2	—0.4	—1.2	0.0	2.4	2.1	1.1	0.0
7	52.1	50.9	50.0	49.8	49.1	48.3	48.0	47.5	— 0.5	0.0	0.7	2.4	3.8	2.9	1.7	1.0
8	47.4	47.2	47.1	46.9	46.3	46.2	46.3	45.9	0.8	0.7	0.6	1.0	1.6	1.5	1.4	1.3
9	45.5	44.9	44.5	44.7	44.9	45.6	46.1	47.0	1.1	0.9	0.8	1.2	2.4	2.0	1.2	0.6
10	47.9	48.0	49.0	49.0	48.6	47.8	47.5	47.0	0.5	0.4	0.6	1.2	2.0	1.7	1.1	0.3
11	46.7	47.0	47.2	47.0	46.9	46.7	46.8	48.0	0.2	—0.9	—0.3	2.3	4.3	4.9	1.5	0.7
12	49.2	50.3	51.4	53.3	54.2	53.3	52.3	49.4	0.3	0.2	—0.3	2.0	3.9	5.1	3.2	1.7
13	48.1	49.0	49.2	50.4	50.1	49.0	45.8	43.8	2.4	2.0	2.0	4.8	7.8	8.4	5.2	3.7
14	44.9	45.2	47.1	49.7	51.6	52.6	52.9	53.6	2.4	2.0	2.1	2.9	4.1	4.5	3.3	1.7
15	53.8	54.1	54.8	55.1	54.9	54.3	53.6	53.3	0.4	—0.4	1.2	5.0	7.5	8.5	5.3	1.6
16	52.3	51.0	50.0	48.9	47.3	45.1	42.9	42.3	1.4	1.4	2.8	6.5	9.0	9.8	7.1	4.6
17	40.1	38.5	38.0	38.2	37.6	37.2	36.7	37.3	4.4	4.7	6.0	9.6	13.2	13.0	9.8	7.4
18	38.1	38.7	40.1	41.7	43.9	45.8	46.3	46.8	4.6	2.0	2.3	2.6	3.2	2.7	2.5	1.1
19	47.9	48.1	49.5	50.4	51.6	52.7	53.9	54.2	0.2	—0.6	0.0	2.6	5.4	5.6	3.4	1.3
20	54.8	55.4	56.0	56.5	56.4	55.7	55.1	54.9	1.4	1.3	1.8	4.4	7.9	8.0	6.4	5.6
21	54.9	54.5	54.0	54.0	53.8	53.0	52.9	52.6	3.7	3.0	3.7	9.2	12.8	13.5	9.8	5.2
22	52.1	51.5	51.3	51.1	51.0	51.0	51.5	52.1	3.8	2.8	4.8	10.0	14.0	14.8	8.0	5.3
23	52.2	52.2	52.4	54.0	54.8	55.5	56.3	56.9	4.3	3.4	2.5	3.5	4.9	5.3	5.8	4.8
24	56.8	56.2	56.0	54.9	54.0	52.9	51.5	51.1	3.9	2.0	2.4	8.0	11.7	11.7	8.6	5.4
25	50.0	48.8	47.6	47.7	47.2	47.1	47.8	48.8	3.9	1.6	1.2	1.0	6.0	5.6	3.1	0.2
26	49.0	49.9	50.6	51.1	51.6	51.6	51.8	51.4	— 0.4	—1.2	—0.9	0.3	1.0	1.3	—0.4	—2.0
27	50.1	47.2	43.6	40.9	39.8	39.3	38.6	38.7	— 2.5	—2.1	—2.3	0.2	2.1	2.4	2.5	2.0
28	39.3	39.6	40.1	40.8	41.8	42.7	43.7	45.1	0.2	0.6	1.1	1.2	1.4	1.3	—1.0	—2.3
29	46.1	47.9	49.0	49.5	50.2	50.2	49.9	49.9	— 3.4	—4.2	—2.6	—0.1	1.0	0.2	0.0	—2.3
30	48.9	47.0	45.8	45.0	45.5	46.8	48.9	51.4	— 3.3	—2.6	—0.5	0.1	1.0	1.6	1.2	—0.2

## E r g ä n z e n d e B e o b a c h -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Luftdruck . . . . .	46.5	50.3	45.5	51.6	53.1	53.9	47.5	46.2	46.7	47.0	47.6	50.4	43.6	53.5
Temperatur . . . .	2.2	0.8	—0.2	0.0	1.6	0.2	1.1	1.4	0.8	0.6	1.0	2.0	4.0	2.0
Relative Feucht. .	84	86	97	89	73	75	90	87	93	93	90	77	91	79
Bewölkung . . . .	10	7	10	10	10	3	10	10	10	10	10	10	10	4
Temperatur {	max.	6.4	5.2	2.2	1.6	6.4	4.3	5.0	1.6	2.8	3.0	7.5	6.0	6.0
	min.	—0.7	0.1	—2.1	—2.0	—0.6	—2.1	—1.5	0.0	0.4	0.3	—2.2	—1.1	1.5

April 1917.

Datum	Relative Feuchtigkeit %								Absolute Feuchtigkeit mm.			Completive Feucht. mm.			Feuchtes Thermometer		
	1h	4h	7h	10h	13h	16h	19h	22h	7h	13h	21h	7h	13h	21h	7h	13h	21h
1	88	84	80	68	63	63	76	86	4.0	4.1	4.5	1.0	2.4	0.9	0.1	2.4	1.2
2	95	94	87	80	76	70	77	87	4.3	4.6	4.2	0.7	1.4	0.7	0.5	2.2	0.0
3	91	90	89	82	93	95	97	97	3.9	4.4	4.4	0.5	0.3	0.1	0.9	0.2	-0.5
4	95	94	92	88	80	78	82	88	4.5	3.8	4.1	0.4	0.9	0.5	-1.3	-0.6	-0.5
5	92	92	91	84	69	72	79	72	4.2	4.2	3.7	0.4	1.9	1.4	-0.2	2.0	0.0
6	79	86	89	81	58	63	70	75	3.7	3.1	3.5	0.5	2.3	1.2	-1.8	-0.4	-0.9
7	84	86	89	86	80	86	87	90	4.3	4.8	4.4	0.5	1.2	0.5	0.1	2.5	0.5
8	91	92	93	91	90	90	90	90	4.6	4.4	4.4	0.3	0.5	0.7	0.2	1.0	0.6
9	88	93	93	90	84	87	93	93	4.5	4.6	4.5	0.3	0.9	0.3	0.4	1.4	0.4
10	93	93	93	90	87	81	87	94	4.4	4.6	4.4	0.3	0.7	0.3	0.2	1.2	0.2
11	95	91	83	73	70	68	90	87	3.7	4.3	4.4	0.8	1.9	0.5	-1.1	2.2	0.4
12	84	82	81	64	49	49	56	79	3.6	3.0	4.1	0.8	3.1	1.2	-1.5	0.4	0.6
13	91	91	74	63	48	46	57	93	3.9	3.8	5.5	1.4	4.1	0.6	0.4	3.6	3.4
14	81	72	76	73	67	66	70	82	4.0	4.1	4.2	1.3	2.0	1.1	0.6	1.9	0.7
15	85	85	85	67	47	47	60	73	4.2	3.6	3.8	0.8	4.1	1.5	0.3	3.2	0.4
16	77	83	89	75	69	64	80	91	5.0	5.9	6.0	0.6	2.7	0.6	2.1	6.4	4.6
17	92	93	93	82	74	76	92	91	6.5	8.3	7.4	0.5	3.0	0.6	5.5	10.7	7.5
18	84	82	87	90	83	80	80	86	4.7	4.8	4.2	0.7	1.0	0.8	1.5	2.1	0.5
19	91	92	89	77	59	62	75	78	4.1	3.9	4.0	0.5	2.8	1.2	-0.6	2.4	0.4
20	77	77	77	56	52	55	65	72	4.0	4.1	4.8	1.2	3.8	2.1	0.4	4.0	3.7
21	83	85	82	63	45	40	50	67	4.9	5.0	4.3	1.1	6.0	2.6	2.5	7.4	3.2
22	78	86	88	70	56	70	90	96	5.7	6.7	6.7	0.8	5.2	0.3	4.0	9.6	5.7
23	96	95	95	92	90	84	82	83	5.2	5.8	5.4	0.3	0.7	1.1	2.2	4.2	3.8
24	86	90	89	74	59	63	79	90	4.8	6.0	6.3	0.6	4.2	0.8	1.7	7.9	5.4
25	80	87	96	98	37	40	48	76	4.8	2.6	4.0	0.2	4.4	0.7	1.0	1.2	-0.3
26	69	67	53	35	32	39	57	59	2.3	1.6	2.2	2.0	3.3	1.8	-3.4	-3.0	-3.9
27	73	70	94	94	93	95	95	98	3.6	5.0	5.2	0.2	0.4	0.2	-2.5	1.7	2.2
28	98	90	85	80	72	65	79	71	4.2	3.6	2.5	0.8	1.4	1.4	0.2	-0.2	-3.6
29	73	76	66	38	37	45	44	57	2.5	1.8	2.1	1.3	3.1	1.9	-4.2	-2.8	-3.9
30	75	72	67	60	58	53	51	57	3.0	2.8	2.5	1.5	2.1	2.1	-2.2	-1.5	-2.2

t u n g e n u m 21 h.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mtt.
53.4	42.8	37.3	46.4	54.2	55.0	52.8	51.8	56.8	51.2	48.5	51.7	38.6	45.1	50.1	50.9	49.00
2.1	5.2	8.1	1.5	1.8	5.9	6.0	6.0	5.0	6.2	0.5	-1.7	2.4	-2.0	-1.8	0.2	2.10
73	91	92	83	77	70	62	96	83	89	85	55	97	64	53	54	8.1
2	2	10	10	10	10	8	10	9	9	10	3	10	10	5	10	8.4
10.0	11.5	15.3	8.3	6.5	9.6	15.0	16.3	6.2	14.1	6.4	1.5	3.0	2.6	2.5	3.0	6.68
-1.9	0.4	4.0	1.5	-1.6	0.5	1.8	2.4	1.8	0.7	0.5	-2.4	-2.9	-2.4	-5.6	-4.0	-0.54

April 1917.

Datum	Windgeschwindigkeit m/sec.								Wind											
									1h				4h				7h			
	1h	4h	7h	10h	13h	16h	19h	22h	N	E	S	W	N	E	S	W	N	E	S	W
1	2.7	3.3	3.3	4.3	3.3	1.8	2.0	2.4	—	—	1.9	1.5	—	—	2.3	1.7	—	—	2.6	1.5
2	2.7	2.8	3.9	4.3	2.7	2.7	1.3	1.1	—	0.3	2.1	1.0	—	—	1.5	1.9	0.1	—	1.6	2.9
3	1.9	1.8	2.1	3.3	4.6	4.6	4.7	4.2	—	0.8	0.6	1.0	—	1.7	0.4	—	—	1.9	0.5	—
4	3.6	3.2	3.3	2.3	3.4	3.8	4.1	4.8	0.3	—	0.1	3.4	0.1	—	0.3	3.1	—	—	1.1	2.8
5	3.8	3.9	4.7	3.9	3.9	5.2	5.4	5.0	—	1.6	2.9	—	—	0.2	2.9	2.3	—	—	0.5	4.4
6	4.8	4.6	3.6	2.2	1.9	3.0	3.9	2.9	—	—	2.3	3.5	—	—	2.0	3.5	—	—	0.3	3.5
7	2.8	2.2	2.3	1.5	1.3	1.7	2.0	1.2	—	2.3	1.0	—	—	1.6	1.3	—	—	1.6	1.3	—
8	2.4	3.4	3.3	3.5	4.5	4.8	5.0	4.4	1.7	1.1	—	0.4	2.5	1.6	—	—	2.6	1.3	—	—
9	2.9	2.4	1.7	2.2	2.0	2.0	2.1	1.3	2.2	1.1	—	—	2.0	0.6	—	—	1.6	—	—	0.3
10	2.1	2.3	1.3	1.2	2.3	3.3	3.3	2.6	—	—	0.5	1.8	—	—	1.0	1.7	—	—	0.7	0.9
11	2.3	2.8	2.6	3.3	2.2	2.4	2.4	4.8	—	0.4	0.8	1.5	—	—	0.7	2.5	—	0.4	2.1	0.7
12	6.7	7.1	6.9	8.1	6.0	3.1	3.7	4.0	—	—	2.7	5.3	—	—	3.6	4.9	—	—	3.6	4.9
13	4.2	4.8	4.2	3.8	3.6	3.6	4.1	4.8	—	0.1	3.0	1.9	—	—	2.6	3.2	—	—	2.8	2.3
14	5.4	6.3	7.3	6.0	5.1	3.3	1.9	2.7	—	—	3.4	3.4	—	—	4.1	3.9	—	—	3.8	5.4
15	1.7	1.9	2.4	2.9	3.6	3.7	3.1	2.2	—	0.5	1.4	—	—	0.4	1.7	—	—	0.6	2.1	—
16	3.2	3.2	3.5	3.9	5.3	5.9	5.7	5.1	—	2.6	1.4	—	—	2.6	1.3	—	—	2.6	1.8	—
17	5.7	5.0	4.5	3.8	3.8	2.3	2.0	2.6	—	4.8	2.0	—	—	4.8	2.1	—	—	3.3	2.2	—
18	3.2	2.5	2.7	5.1	5.2	4.4	3.5	3.7	—	2.6	1.0	—	—	1.9	1.1	—	—	1.7	1.8	—
19	3.0	3.5	4.0	5.4	5.7	5.3	3.3	1.3	—	—	0.1	3.0	—	—	—	3.4	0.3	—	0.1	3.8
20	2.1	2.0	1.9	1.3	3.2	4.2	3.2	3.0	—	—	1.6	0.7	—	—	1.5	0.9	—	0.2	1.8	—
21	2.7	3.0	3.2	4.0	5.4	5.0	3.6	2.7	—	2.7	0.1	—	—	2.9	0.4	—	—	3.0	0.5	—
22	2.4	2.4	2.8	2.7	3.3	3.5	3.6	3.7	—	2.2	0.5	—	—	2.3	0.2	—	—	2.7	0.4	—
23	3.6	3.3	3.0	2.7	3.7	3.6	3.0	2.6	—	0.1	3.6	—	—	—	0.3	3.2	0.5	—	—	2.8
24	2.1	1.5	0.9	1.8	2.1	3.4	4.5	4.3	1.8	0.6	—	—	1.4	0.3	—	—	0.8	0.2	—	—
25	3.6	3.7	3.0	2.7	4.2	4.7	4.3	4.5	—	—	0.3	3.5	—	—	0.4	3.5	0.7	—	—	2.7
26	5.0	4.5	6.0	6.6	6.6	6.4	3.9	4.0	2.8	—	—	3.1	2.7	—	—	3.2	3.0	—	—	4.4
27	3.1	4.1	4.8	3.8	3.4	3.6	3.4	4.6	—	—	1.7	2.2	—	—	3.8	0.7	—	0.6	4.6	—
28	4.5	4.7	4.3	3.9	3.6	3.7	3.1	3.7	—	—	1.4	3.9	—	—	2.2	3.5	—	—	1.3	3.7
29	4.0	3.6	4.0	4.8	4.4	3.1	3.4	1.7	2.0	—	—	2.8	0.9	—	—	3.0	0.8	—	—	3.6
30	1.8	3.2	5.6	6.5	4.8	3.5	3.0	2.2	—	0.8	0.4	0.8	—	2.9	0.9	—	—	4.6	1.7	—

T a g e s -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Luftdruck	46.00	47.81	47.54	52.81	50.96	54.78	49.46	46.65	45.40	42.10	47.04	51.68	48.18	49.70	54.24
Temperatur	2.66	2.14	-0.09	-0.34	1.59	0.52	1.50	1.11	1.28	0.98	1.59	2.01	4.54	2.88	3.64
Relative Feuchtigkeit	76	83	92	85	81	75	86	90	90	90	82	68	70	73	69
Absolute Feuchtigkeit	4.20	4.37	4.23	4.13	4.03	3.43	4.50	4.47	4.53	4.47	4.13	3.57	4.40	4.10	3.87
Completive Feuchtigkeit	1.43	0.93	0.30	0.60	1.23	1.33	0.73	0.50	0.50	0.43	1.07	1.70	2.03	1.47	2.13



April 1917.

k o m p o n e n t e n    m/sec.																			
10h				13h				16h				19h				22h			
N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
—	—	2.9	2.4	—	0.1	2.6	1.5	—	0.1	1.7	0.4	—	0.7	1.6	0.1	—	0.7	2.0	—
—	—	1.9	3.1	—	—	1.4	1.9	—	—	0.8	2.3	—	—	0.1	1.3	—	—	0.1	1.1
—	1.1	2.7	—	—	2.6	2.9	—	3.8	1.2	—	0.4	3.4	—	—	2.4	2.2	—	—	3.1
—	0.1	1.4	1.4	—	1.4	2.4	0.1	—	2.9	1.8	—	—	3.2	1.8	—	—	4.0	1.8	—
—	—	1.7	2.9	—	—	3.4	0.9	—	—	2.9	3.7	—	—	2.9	3.9	—	—	1.8	4.0
—	—	0.3	2.1	—	1.4	0.7	0.2	—	2.7	0.5	—	—	3.0	1.6	—	—	2.2	1.4	—
—	1.0	0.9	—	—	1.2	0.3	—	—	1.7	0.1	—	0.2	1.9	0.1	—	0.2	1.1	—	—
2.3	2.0	—	—	2.9	2.6	—	—	3.0	2.9	—	—	3.2	2.9	—	—	2.6	3.0	—	—
1.5	—	—	1.1	1.1	—	—	1.3	0.3	—	—	1.9	—	—	—	2.2	—	—	1.3	1.09
—	0.5	0.7	0.3	—	1.8	1.1	—	—	2.6	1.5	—	—	2.7	1.5	—	—	1.7	1.5	—
—	0.2	3.1	0.3	—	0.2	1.9	0.6	—	0.6	1.3	0.8	—	—	—	2.4	—	—	0.8	4.4
0.1	0.1	3.7	6.0	—	—	2.7	4.4	—	—	2.6	1.0	—	0.9	3.2	0.2	—	2.3	2.6	—
—	—	2.9	1.8	0.1	0.3	3.3	0.4	—	1.0	3.0	—	—	3.2	1.7	—	—	0.3	3.6	2.2
—	—	3.6	4.2	—	—	2.8	3.7	—	—	1.5	2.5	—	—	1.5	0.8	—	0.7	1.6	—
—	1.9	1.9	—	—	2.5	2.0	—	—	3.0	1.6	—	—	2.7	0.9	—	—	1.7	1.0	—
—	3.4	1.1	—	—	4.5	1.7	—	0.1	5.3	1.5	—	—	5.0	1.6	—	—	4.4	2.0	—
—	2.9	1.9	—	—	2.6	2.0	—	—	1.1	1.6	—	—	0.6	1.7	—	—	0.2	1.8	1.3
—	—	1.5	4.3	—	—	0.7	4.9	0.1	—	0.3	4.4	0.1	—	—	3.5	0.1	—	—	3.6
0.3	—	0.2	5.1	0.4	—	0.2	5.4	0.3	—	0.2	5.1	—	—	0.2	3.2	—	—	—	1.3
—	0.8	0.7	—	0.8	2.7	0.2	—	1.6	3.3	0.1	—	1.0	2.8	—	—	0.2	3.1	0.2	—
0.3	3.6	0.6	—	—	4.6	1.9	—	0.1	4.3	1.6	—	—	3.4	0.4	—	0.1	2.6	0.2	—
0.3	2.4	0.4	—	—	3.1	0.6	—	—	1.4	1.1	1.6	—	—	0.2	3.6	—	—	0.1	3.7
2.1	—	—	0.9	3.1	0.9	—	0.4	3.1	0.9	—	0.2	2.7	0.6	—	0.1	2.1	0.9	—	—
1.2	—	—	1.2	0.8	—	0.1	1.6	0.2	—	0.2	3.3	0.1	—	0.4	4.3	—	0.5	4.1	0.79
1.2	—	—	2.1	2.2	—	—	3.1	2.6	—	—	3.0	2.6	—	—	2.6	2.6	—	—	3.0
3.2	—	—	5.0	3.0	—	—	5.2	2.0	—	—	5.5	0.9	—	0.1	3.5	0.1	—	0.2	4.0
—	0.4	3.6	—	—	0.1	2.3	1.7	—	—	2.4	2.1	—	—	2.2	2.1	—	—	1.6	3.7
0.3	—	0.3	3.4	0.2	—	—	3.6	0.7	—	—	3.4	2.2	—	—	1.6	2.3	—	—	2.2
2.3	—	—	3.3	1.7	—	0.2	3.2	0.2	—	0.5	2.7	0.1	—	0.1	3.3	—	—	—	1.7
—	5.7	1.5	—	0.2	4.9	0.7	—	1.0	2.9	0.2	—	2.3	1.0	—	0.2	1.7	—	—	0.9
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

m i t t e l.

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mtt.
47.48	37.95	42.68	51.04	55.60	53.71	51.45	54.29	54.18	48.12	50.88	42.28	41.64	49.10	47.41	48.94
5.32	8.51	2.62	2.24	4.60	7.61	7.94	4.31	6.71	2.82	-0.29	0.29	0.31	-1.42	-0.34	2.57
78	87	84	78	66	64	79	90	79	70	51	89	80	54	62	77
5.63	7.40	4.57	4.00	4.30	4.73	6.37	5.47	5.70	3.80	2.03	4.60	3.43	2.13	2.77	4.31
1.30	1.37	0.83	1.50	2.37	3.23	2.10	0.70	1.87	1.77	2.37	0.27	1.20	2.10	1.90	1.38

April 1917.

Datum	B e w ö l k u n g													
	Menge in Zehnteln						F o r m							
	7h	10h	13h	16h	19h	22h	7h	10h	13h	16h	19h	21h	22h	
1	10	1	9	1	10	10	St	⊙CiS	⊙FrCu	⊙FrCu	St	St	Nb	
2	10	10	10	9	6	9	St	St	ACu,St	ACu	CiS,FrSt	CiS	AS,St	
3	10	10	10	10	10	10	St	St	Nb	Nb	Nb	St	St	
4	10	10	10	10	10	10	St	St	St	ACu	St	Nb	Nb	
5	10	10	10	10	10	10	St	St	CiS, CiCu	Nb	St	St	St	
6	2	7	10	6	9	5	⊙SCu	⊙CiS,St	St	CiS,St	AS	CiS	CiS	
7	10	10	10	10	10	10	≡	St	St	St	St	≡	≡	
8	10	10	10	10	10	10	St	St	St	St	St	St	St	
9	10	10	10	10	10	10	St	St	St	St	St	St	St	
10	10	10	10	10	10	10	St	St	St	St	St	St	St	
11	10	7	2	10	10	5	FrCu,St	⊙ACu,	⊙FrCu,	St	Nb	St	St	
12	0	0	0	5	10	10	⊙—	⊙[CiS,Ci	⊙—[CiS	⊙CiS	St	St	St	
13	1	4	9	10	10	10	⊙St	⊙Ci	⊙CiS	St	St	Nb	Nb	
14	10	10	10	10	10	3	St	St	FrCu,St	SCu	St,AS	St,CiS	St	
15	0	0	0	0	1	1	⊙—	⊙—	⊙—	⊙—	SCu	SCu	St	
16	10	9	9	10	9	1	SCu	CiS	CiS	AS,Ci	SCu	SCu	St	
17	10	10	10	10	9	3	SCu,FrCu	SCu	Cu,St,CiS	Nb	SCu	SCu,ACu	FrSt	
18	10	10	10	10	9	10	St	St	St	St	SCu	St	St	
19	10	10	7	3	10	1	St	CiS, FrCu	⊙Cu,FrCu	FrCu	AS	St	St	
20	10	10	10	10	10	2	ACu,SCu	SCu,St	ACu, CiS, [SCu]	CiS,Ci	ACu,SCu	CiS,St	St	
21	8	7	9	10	10	6	ACu,SCu	⊙CiS,Ci- [Cu]	⊙CiS	Ci,CiS	AS	AS	AS	
22	10	10	10	10	10	10	⊙CiS,AS	⊙AS	⊙AS	St,CuNb	St	Nb	St	
23	10	10	10	10	10	10	≡	St	St	St	St	SCu,ACu	SCu,ACu	
24	3	10	8	9	8	10	⊙AS	⊙Ci	⊙CiS,Cu	⊙ACu, [SCu]	CiS,SCu	SCu	St	
25	10	10	9	9	8	10	Nb	⊙St,AS	Cu,SCu	SCu,Cu	SCu,CuNb	Nb	St	
26	1	8	8	9	5	10	⊙FrCu	⊙Cu	CuNb	Cu,Nb	CuNb	St	St	
27	10	10	10	10	10	10	Nb	Nb	St	Nb	SCu	Nb	St	
28	9	10	10	10	10	10	⊙SCu	Nb	Nb	St	Nb	St	St	
29	1	4	9	8	3	3	⊙CiS,Cu	⊙Cu	Cu	⊙CuNb	ACu	AS	AS	
30	10	10	10	10	10	10	⊙AS	SCu	St,Cu	SCu	St	AS	St	

S t u n d e n -

Stunden	W i n d k o m p o n e n t e n						Richtung	Resultante	Geschw.-mittel
	N	E	S	W	N-S	E-W	$\varphi^0$	R	J
1	0.36	0.82	1.23	1.49	-0.87	-0.67	218	1.09	3.33
4	0.32	0.79	1.29	1.67	-0.97	-0.88	222	1.31	3.43
7	0.35	0.77	1.30	1.75	-0.96	-0.98	226	1.37	3.57
10	0.50	0.87	1.32	1.70	-0.81	-0.83	225	1.16	3.73
13	0.55	1.25	1.27	1.47	-0.72	-0.22	197	0.75	3.84
16	0.64	1.26	0.97	1.48	-0.33	-0.21	213	0.39	3.72
19	0.63	1.15	0.79	1.38	-0.17	-0.22	233	0.28	3.42
22	0.47	0.96	0.83	1.52	-0.35	-0.56	238	1.98	3.27
Mitt.	0.48	0.99	1.12	1.56	-0.65	-0.57	221	0.86	3.54

April 1917.

Datum	Niederschläge mm.		Ver- dunstung mm.	Embach- stand cm.	B e m e r k u n g e n
	7h—21h	21h—7h			
1	—	3.6	0.3	E i s d e c k e.	● 21 <sup>h</sup> 35 <sup>m</sup> —n. <span style="float:right">cm. ☒ 28</span>
2	—	—	0.6		☒ 25
3	5.4	—	0.2		* 11 <sup>h</sup> —20 <sup>h</sup> . <span style="float:right">☒ 22</span>
4	1.1	1.7	0.3		* 19 <sup>h</sup> 6 <sup>m</sup> —n. <span style="float:right">☒ 29</span>
5	0.2	—	0.9		● 15 <sup>h</sup> 50 <sup>m</sup> —16 <sup>h</sup> 25 <sup>m</sup> . <span style="float:right">☒ 26</span>
6	—	1.6	0.5		● n. <span style="float:right">☒ 23</span>
7	0.7	0.0	0.2		≡—8 <sup>h</sup> 40 <sup>m</sup> , n; ● 13 <sup>h</sup> 25 <sup>m</sup> —40 <sup>m</sup> , n. <span style="float:right">☒ 22</span>
8	0.0	—	0.2	96	≡8 <sup>h</sup> —10 <sup>h</sup> ; Embach offen. <span style="float:right">☒ 18</span>
9	0.0	—	0.2	100	* 09 <sup>h</sup> 30 <sup>m</sup> —10 <sup>h</sup> . <span style="float:right">☒ 15</span>
10	0.0	1.3	0.5	104	* 012 <sup>h</sup> 20 <sup>m</sup> —50 <sup>m</sup> ; ● <sup>o</sup> p; *n. <span style="float:right">☒ 12</span>
11	0.8	—	1.1	117	* 17 <sup>h</sup> 35 <sup>m</sup> —19 <sup>h</sup> 40 <sup>m</sup> . <span style="float:right">☒ 12</span>
12	—	0.8	2.0	136	*n. <span style="float:right">☒ 11</span>
13	0.9	0.7	2.1	177	⊕ 14 <sup>h</sup> —15 <sup>h</sup> 30 <sup>m</sup> ; ● 20 <sup>h</sup> 10 <sup>m</sup> —n; < 21 <sup>h</sup> ; *n. <span style="float:right">☒ 7</span>
14	—	—	0.5	210	□n. <span style="float:right">☒ 3</span>
15	—	—	0.7	237	<span style="float:right">☒ 1</span>
16	—	—	0.6	252	
17	4.5	—	0.6	268	● 16 <sup>h</sup> —17 <sup>h</sup> .
18	0.0	—	0.6	287	* 012 <sup>h</sup> 20 <sup>m</sup> —45 <sup>m</sup> , 13 <sup>h</sup> 10 <sup>m</sup> —30 <sup>m</sup> .
19	—	—	1.1	294	⊕ 10 <sup>h</sup> .
20	—	—	1.2	301	⊕ 16 <sup>h</sup> .
21	—	—	1.6	305	
22	1.0	0.0	0.6	305	● 19 <sup>h</sup> 45 <sup>m</sup> —n; ≡n.
23	2.1	—	0.2	306	≡a; ● 10 <sup>h</sup> 20 <sup>m</sup> —13 <sup>h</sup> 30 <sup>m</sup> , 17 <sup>h</sup> 38 <sup>m</sup> —50 <sup>m</sup> .
24	—	0.1	0.4	303	*n.
25	1.0	—	1.6	300	*-9 <sup>h</sup> 30 <sup>m</sup> ; * 013 <sup>h</sup> 40 <sup>m</sup> —14 <sup>h</sup> , 20 <sup>h</sup> 30 <sup>m</sup> —21 <sup>h</sup> .
26	0.1	1.7	0.8	292	* <sup>o</sup> a, p; *n.
27	4.3	0.4	0.5	290	*-12 <sup>h</sup> 20 <sup>m</sup> , n; ● 12 <sup>h</sup> 40 <sup>m</sup> —55 <sup>m</sup> ; ● <sup>o</sup> p, n. <span style="float:right">☒ 2</span>
28	1.2	—	0.7	282	△, *a, p.
29	0.4	—	1.1	275	△ 13 <sup>h</sup> 5 <sup>m</sup> —55 <sup>m</sup> ; * 14 <sup>h</sup> 25 <sup>m</sup> —40 <sup>m</sup> . <span style="float:right">☒ 1</span>
30	0.2	—	0.8	270	* 10 <sup>h</sup> 14 <sup>m</sup> —12 <sup>h</sup> ; * 013 <sup>h</sup> 25 <sup>m</sup> —14 <sup>h</sup> 30 <sup>m</sup> ; □n.

m i t t e l.

Luftdruck	Tempe- ratur	Relative Feuchtig- keit	Bewölkung	Stunden
48.64	1.00	85	—	1
48.56	0.56	86	—	4
48.81	0.99	85	7.8	7
49.19	2.95	75	8.2	10
49.27	4.94	66	8.6	13
49.10	5.06	66	8.6	16
48.95	3.34	75	8.9	19
48.98	1.75	81	7.6	22
48.94	2.57	77	8.3	Mitt.

Mai 1917.

Datum	Luftdruck 700 mm. +								Temperatur							
	1h	4h	7h	10h	13h	16h	19h	22h	1h	4h	7h	10h	13h	16h	19h	22h
1	53.3	54.7	55.9	56.8	56.8	56.5	56.8	57.0	- 1.3	- 3.0	- 0.1	2.6	4.0	6.0	3.6	0.7
2	56.3	55.1	53.8	52.3	50.4	48.5	47.4	48.0	0.1	- 0.8	2.0	3.4	4.9	4.7	4.2	0.6
3	48.7	49.0	50.0	52.0	53.7	54.0	55.0	55.7	- 1.2	- 0.3	1.0	2.2	3.1	5.3	4.5	1.0
4	56.1	56.8	57.6	58.3	58.4	58.6	58.9	59.1	- 0.2	- 1.5	1.0	3.9	6.0	7.2	6.6	4.4
5	58.6	57.9	56.9	55.0	53.4	52.0	50.8	49.8	2.5	0.3	4.5	10.7	15.3	13.1	12.4	9.0
6	48.6	46.8	45.4	43.2	40.7	40.9	43.0	44.6	7.5	6.4	10.7	14.8	16.4	3.0	0.7	0.2
7	44.8	44.8	44.8	45.6	46.1	46.5	47.2	47.0	0.1	- 0.4	0.8	2.2	4.4	3.6	2.2	0.7
8	46.4	45.7	45.6	46.3	48.6	49.6	51.0	52.8	0.0	- 0.6	2.2	4.1	5.2	4.7	2.7	0.8
9	54.2	55.4	56.8	58.0	58.5	58.5	58.7	59.2	- 0.5	- 1.8	1.6	4.5	7.3	8.0	6.3	3.8
10	59.1	58.8	59.3	59.4	60.3	60.3	61.2	62.4	1.8	0.2	4.1	6.5	2.5	4.4	1.1	1.2
11	63.3	63.7	65.2	65.6	65.6	65.7	65.7	66.4	- 0.3	- 1.8	1.2	4.8	7.0	9.5	7.5	2.8
12	67.1	67.6	69.1	70.5	71.1	71.1	71.3	71.6	0.6	- 1.0	2.2	5.5	6.7	7.7	5.5	2.3
13	72.4	72.7	73.1	72.7	71.8	70.5	69.6	68.8	0.3	- 1.0	3.4	8.0	11.0	13.4	11.8	7.0
14	68.7	68.7	68.0	66.7	65.3	63.6	61.9	61.1	6.3	5.1	10.2	14.0	16.6	17.2	15.0	10.9
15	59.6	58.5	57.6	57.0	55.7	54.8	53.8	52.9	10.7	10.0	10.8	11.5	12.2	12.1	9.0	9.5
16	51.1	49.4	47.9	47.3	48.0	50.1	52.6	54.0	8.7	8.3	8.3	8.3	8.4	6.8	5.6	4.6
17	55.0	55.4	55.9	56.2	56.5	57.1	57.7	58.4	3.7	2.0	4.7	8.0	8.2	8.3	7.6	4.0
18	58.8	59.0	59.5	60.0	59.5	59.3	58.6	58.6	2.0	0.4	3.6	7.2	8.4	8.2	6.8	4.5
19	58.5	58.4	58.2	57.9	56.7	55.3	54.0	53.2	3.3	2.0	4.4	7.9	11.2	14.2	8.8	6.5
20	53.1	54.1	54.2	54.4	55.8	56.9	58.2	60.0	4.6	3.2	4.5	7.5	3.4	3.2	1.7	- 0.5
21	61.3	62.3	63.2	63.9	64.1	63.7	63.3	62.8	- 0.4	- 1.2	1.1	2.6	4.3	6.0	5.9	1.8
22	62.0	61.1	59.3	57.7	55.6	55.3	55.2	55.3	0.2	- 0.6	4.2	8.5	15.6	15.5	14.7	11.8
23	55.6	55.9	56.8	56.8	56.1	55.5	55.1	55.6	9.3	6.7	8.8	14.2	17.4	19.7	16.5	9.3
24	55.7	55.6	55.7	55.6	55.0	54.9	55.3	56.2	5.8	3.4	9.0	14.8	21.2	22.7	19.0	13.1
25	56.8	57.0	57.2	57.0	56.9	57.0	57.5	58.5	9.6	7.3	11.2	16.5	19.0	18.6	16.8	13.3
26	59.6	60.4	61.1	61.8	62.0	62.3	62.6	63.3	10.6	8.3	11.2	13.8	16.6	17.2	15.5	12.0
27	63.5	63.5	63.4	63.3	62.5	61.4	60.8	60.5	9.5	7.5	12.6	16.5	19.4	20.5	19.8	15.3
28	60.6	60.3	60.1	59.7	59.1	58.8	58.1	58.2	12.6	10.4	12.3	16.8	20.2	21.5	21.3	16.0
29	58.6	58.8	59.0	58.8	58.4	57.7	57.5	57.3	11.4	8.7	14.4	20.8	23.6	25.2	20.5	16.3
30	56.9	56.3	55.4	54.7	53.4	51.9	50.9	50.4	14.3	14.2	20.0	24.5	27.0	25.2	18.4	17.0
31	49.4	49.8	50.5	51.3	51.9	51.6	51.7	53.6	15.0	13.5	15.5	18.0	21.4	23.0	20.0	13.5

## E r g ä n z e n d e B e o b a c h -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Luftdruck . . .	57.1	47.8	55.6	59.1	50.1	44.2	47.2	52.1	59.0	61.9	66.0	71.5	69.1	61.2	53.0
Temperatur . . .	1.1	1.2	1.2	5.0	9.8	0.3	1.0	1.2	4.4	1.3	3.8	3.1	8.2	11.6	9.9
Relat. Feuchtigkeit	60	93	47	50	72	94	53	53	62	96	64	39	80	45	82
Bewölkung . . .	1	1	2	6	10	10	1	9	10	10	1	0	8	10	10
Temperatur {	max.	6.0	5.3	5.5	8.0	16.0	16.7	6.1	6.0	8.7	8.0	9.5	8.0	14.1	12.5
	min.	-3.4	-2.0	-1.2	-2.0	0.3	-0.1	-0.8	-1.0	-2.1	0.2	-2.1	-1.0	-1.1	9.0

Mai 1917.

Datum	Relative Feuchtigkeit %								Absolute Feuchtigkeit mm.			Completive Feucht. mm.			Feuchtes Thermometer		
	1h	4h	7h	10h	13h	16h	19h	22h	7h	13h	21h	7h	13h	21h	7h	13h	21h
1	62	74	78	66	65	50	48	60	3.5	3.9	3.0	1.0	2.2	2.0	— 1.6	1.6	— 1.3
2	73	77	77	77	66	67	74	80	4.1	4.3	4.6	1.2	2.2	0.3	0.6	2.5	0.8
3	77	75	68	50	46	35	38	51	3.3	2.6	2.3	1.6	3.1	2.6	— 0.4	— 0.2	— 1.4
4	65	67	59	42	37	36	42	48	2.9	2.6	3.2	2.0	4.4	3.3	— 1.3	1.2	1.4
5	56	65	63	51	45	50	58	75	3.9	5.8	6.5	2.4	7.1	2.5	1.9	9.4	7.4
6	81	83	72	58	56	91	93	94	6.9	7.8	4.4	2.7	6.0	0.3	8.2	11.6	0.0
7	92	93	81	72	52	50	48	61	3.9	3.2	2.6	0.9	3.0	2.3	— 0.4	1.0	— 1.0
8	69	83	68	54	48	49	50	55	3.6	3.2	2.6	1.7	3.4	2.3	0.2	1.4	— 1.2
9	64	71	61	43	38	35	50	67	3.1	2.9	3.9	2.0	4.7	2.4	— 1.0	2.3	1.8
10	72	81	87	64	89	78	96	97	5.3	4.8	4.8	0.8	0.6	0.2	3.2	1.8	1.1
11	92	91	75	59	74	44	46	68	3.7	5.5	3.8	1.2	2.0	2.2	— 0.4	5.0	1.4
12	72	75	72	48	43	36	36	40	3.9	3.2	2.2	1.5	4.2	3.5	0.5	2.3	— 0.8
13	49	64	59	52	45	49	56	86	3.4	4.4	6.5	2.4	5.4	1.6	0.7	6.0	5.6
14	78	77	47	46	46	44	44	50	4.4	6.5	4.6	4.9	7.5	5.6	5.5	10.6	6.4
15	50	54	52	49	46	52	90	88	5.0	4.9	7.5	4.7	5.7	1.6	6.4	7.0	8.4
16	94	95	96	97	97	96	86	90	7.8	8.0	5.8	0.3	0.2	0.8	8.0	8.2	4.2
17	90	90	76	55	44	40	44	53	4.8	3.6	3.4	1.6	4.5	3.0	3.0	3.6	1.3
18	80	87	73	52	46	54	67	75	4.3	3.8	4.9	1.6	4.4	1.7	1.8	4.0	3.4
19	74	84	65	59	51	45	56	59	4.1	5.1	4.4	2.2	4.8	3.3	2.0	6.7	4.0
20	67	83	64	49	52	44	46	53	4.0	3.0	2.4	2.3	2.8	2.2	2.0	0.2	— 2.4
21	60	67	55	54	55	46	41	56	2.7	3.4	2.9	2.2	2.8	2.7	— 1.3	1.2	— 0.2
22	65	69	72	59	46	42	44	55	4.4	6.1	5.5	1.7	7.0	5.1	2.3	9.8	7.6
23	73	83	77	50	44	41	43	59	6.5	6.4	5.7	2.0	8.3	4.4	6.9	10.9	7.4
24	75	80	62	51	44	43	43	65	5.3	8.2	6.9	3.3	10.5	5.7	5.8	13.9	10.2
25	81	85	69	47	45	42	51	68	6.8	7.4	7.6	3.1	8.9	4.3	8.4	12.4	10.4
26	80	83	71	60	52	48	54	65	7.0	7.3	6.6	2.9	6.8	4.4	8.6	11.3	9.0
27	76	82	62	43	40	37	42	59	6.7	6.6	8.7	4.1	10.1	5.2	9.0	11.9	12.4
28	66	80	72	46	43	39	40	56	7.6	7.5	7.0	3.0	10.0	7.4	9.7	13.0	11.2
29	76	82	65	49	38	38	46	61	8.0	8.1	8.7	4.2	13.5	6.1	11.0	14.8	12.8
30	63	59	50	39	30	36	72	90	8.6	7.9	12.8	8.7	18.6	1.7	13.8	15.9	15.9
31	91	91	76	64	51	50	54	80	9.9	9.6	9.3	3.2	9.3	3.2	13.0	15.1	12.2

t u n g e n u m 21 h.

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mtt.
53.6	57.9	58.6	53.5	59.5	62.9	55.3	55.4	56.0	58.0	62.9	60.7	58.2	57.3	50.3	52.9	57.00
5.0	4.6	5.2	7.4	0.0	2.8	12.2	11.4	14.9	14.0	12.8	16.4	17.0	17.4	17.1	14.8	7.62
89	53	74	57	52	52	52	57	55	64	60	63	49	59	88	74	64
1	1	10	10	8	1	9	1	1	10	3	4	5	5	9	3	5.5
10.4	9.4	9.2	14.2	7.8	6.5	16.0	21.0	23.7	21.0	18.6	22.0	21.7	25.8	28.5	23.0	13.78
4.6	1.8	-0.4	0.8	0.0	-1.4	-1.6	4.6	3.2	7.0	8.1	7.3	9.3	8.4	14.0	13.4	2.48

Mai 1917.

Datum	Windgeschwindigkeit m/sec.								W i n d											
									1h				4h				7h			
	1h	4h	7h	10h	13h	16h	19h	22h	N	E	S	W	N	E	S	W	N	E	S	W
1	3.1	3.4	4.4	5.7	6.1	6.6	5.0	4.2	0.1	—	—	3.1	—	—	0.2	3.3	0.2	—	0.3	4.2
2	4.6	4.7	5.4	4.2	4.3	3.0	2.4	3.3	—	—	1.7	3.6	—	—	2.0	3.6	—	—	2.6	4.0
3	3.6	3.9	5.6	5.8	5.9	5.4	4.1	3.7	0.7	—	—	3.2	0.8	—	—	3.5	2.2	—	—	4.5
4	3.6	3.4	4.2	5.1	4.3	3.7	2.1	1.5	0.8	—	—	3.2	1.0	—	—	2.9	1.8	—	—	3.2
5	2.0	2.1	3.3	3.8	4.6	4.8	3.5	3.5	0.2	—	0.4	1.6	—	—	1.9	0.4	—	0.3	3.2	0.1
6	2.9	3.1	2.8	3.0	4.2	6.9	5.9	5.9	—	—	2.8	0.4	—	0.3	2.9	0.2	—	0.2	2.7	0.2
7	5.4	5.4	5.9	8.3	8.9	7.4	6.7	5.2	0.2	—	0.3	5.2	0.2	—	0.2	5.3	0.2	—	0.5	5.6
8	3.3	3.4	5.7	7.4	8.5	8.2	6.7	5.8	—	—	0.9	2.9	—	—	1.0	2.9	0.1	—	0.6	5.4
9	4.2	3.5	3.3	3.4	3.3	2.7	2.5	1.8	—	—	0.2	4.2	—	—	—	3.5	0.2	—	—	3.3
10	1.4	1.2	1.6	2.0	3.1	2.2	2.3	2.1	—	1.4	—	—	0.1	1.1	0.2	—	—	1.3	0.7	—
11	2.2	2.2	2.7	3.6	3.0	3.1	3.1	3.6	1.4	—	0.2	1.4	—	—	0.6	2.0	0.3	—	—	2.6
12	2.4	3.0	3.4	3.8	3.1	4.0	3.2	1.5	—	—	—	2.5	—	—	—	3.1	0.7	1.2	0.3	2.3
13	1.6	1.8	1.6	1.7	2.5	1.9	1.2	2.4	0.1	1.6	—	—	0.2	1.4	0.3	—	—	1.5	0.2	—
14	3.3	2.7	3.6	4.3	4.5	4.6	3.5	3.3	—	0.1	2.8	0.9	—	—	2.5	0.6	—	—	3.2	0.7
15	4.4	4.6	4.8	4.8	4.6	3.1	3.1	4.1	—	—	3.9	1.0	—	0.1	4.0	1.0	—	0.1	4.0	1.5
16	3.8	4.2	5.3	4.8	5.0	5.1	3.4	3.6	—	0.1	3.3	0.9	—	—	3.4	1.3	—	—	3.3	3.1
17	3.2	3.6	3.9	5.7	5.0	4.3	2.7	2.1	—	—	0.1	3.2	—	—	0.1	3.5	0.2	—	—	3.9
18	2.5	2.4	2.9	3.6	3.9	3.8	3.7	3.1	0.4	—	—	2.4	0.4	—	—	2.2	1.1	—	—	2.4
19	2.7	3.0	3.5	4.4	4.7	5.4	4.6	4.9	—	—	—	2.8	—	—	0.4	2.9	0.1	—	0.3	3.4
20	3.4	2.6	2.0	5.4	5.7	5.9	5.4	4.8	0.7	0.3	—	2.9	2.2	0.8	—	—	1.5	0.4	—	0.7
21	4.5	4.2	4.6	4.9	5.0	4.5	2.9	1.4	3.3	0.2	—	1.4	3.0	0.1	—	1.7	3.7	0.3	—	1.0
22	2.5	3.3	4.8	5.2	5.7	5.0	3.6	2.7	0.3	0.2	0.1	2.1	—	—	0.2	3.2	—	—	0.6	4.5
23	2.8	3.3	2.8	3.3	2.4	2.6	4.5	3.9	1.3	—	—	2.1	1.5	—	—	2.4	1.1	—	—	2.4
24	2.8	2.9	3.5	4.1	5.6	6.5	4.5	3.8	—	—	0.7	2.5	—	—	0.8	2.6	—	—	0.5	3.3
25	3.4	3.6	3.0	2.6	3.4	4.2	4.7	3.5	—	—	0.1	3.3	—	—	0.3	3.5	—	0.1	0.2	2.8
26	3.4	3.0	3.7	3.9	3.9	3.6	2.7	2.0	1.6	2.3	—	—	1.3	2.2	0.1	—	1.1	3.1	—	—
27	1.7	2.0	2.8	2.9	1.9	2.1	1.3	1.5	0.1	1.7	—	—	—	1.7	0.5	—	—	2.7	0.3	—
28	1.4	2.5	3.0	3.6	3.6	3.4	2.9	3.0	0.8	—	—	0.9	—	—	—	2.5	—	—	0.1	3.0
29	3.6	3.3	2.7	3.8	5.7	5.2	4.0	3.3	—	—	—	3.6	0.2	—	—	3.3	0.5	—	0.2	2.3
30	3.3	2.1	3.7	5.1	5.0	3.5	3.3	3.6	—	—	1.1	2.8	—	—	0.9	1.7	—	—	1.8	2.8
31	3.7	4.3	6.3	6.4	6.4	5.9	5.1	3.6	—	—	2.8	1.8	—	—	1.8	3.3	—	—	2.7	4.8

T a g e s -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Luftdruck	55.98	51.48	52.26	57.98	54.30	44.15	45.85	48.25	57.41	60.10	65.15	69.92	71.45	65.50	56.24
Temperatur	1.56	2.39	1.95	3.42	8.48	7.46	1.70	2.39	3.65	2.72	3.84	3.69	6.74	11.91	10.72
Relative Feuchtigkeit	63	74	55	50	58	78	69	60	54	83	69	53	58	54	60
Absolute Feuchtigkeit	3.47	4.33	2.73	2.90	5.40	6.37	3.23	3.13	3.30	4.97	4.33	3.10	4.77	5.17	5.80
Completive Feuchtigkeit	1.73	1.23	2.43	3.23	4.00	3.00	2.07	2.47	3.03	0.53	1.80	3.07	3.13	6.00	4.00

Mai 1917.

## k o m p o n e n t e n m/sec.

10h				13h				16h				19h				22h				Tagesmittel			
N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
—	—	1.1	5.2	0.1	—	0.9	5.7	0.1	—	1.1	6.0	0.1	—	0.3	4.8	—	—	1.4	3.4	0.08	—	0.66	4.46
—	—	2.0	3.0	—	—	2.5	2.6	—	—	1.2	2.3	0.7	—	—	1.9	1.0	—	—	2.8	0.21	—	1.50	2.98
3.1	—	—	4.2	3.2	—	—	4.3	3.1	—	—	3.8	1.9	—	—	2.9	0.3	—	0.1	3.4	1.91	—	0.01	3.72
2.8	0.1	—	3.6	2.3	0.1	—	3.0	1.9	—	—	2.5	0.6	—	—	1.7	0.1	—	—	1.4	1.41	0.02	—	2.69
—	—	3.3	0.9	—	—	3.4	1.9	—	—	2.3	2.4	—	—	3.1	0.8	—	—	3.4	0.3	0.02	0.04	2.62	1.05
—	0.2	2.7	0.3	1.3	—	1.2	2.7	3.9	0.1	—	4.9	1.2	—	0.1	5.3	0.3	—	0.1	5.7	0.84	0.10	1.56	2.46
0.4	—	0.5	7.7	0.6	—	0.3	8.4	0.6	—	0.3	7.0	0.2	—	0.5	6.5	—	—	1.5	4.5	0.30	—	0.51	6.28
0.3	—	0.6	7.0	0.4	—	0.3	8.2	0.4	—	0.4	7.9	0.3	—	0.2	6.5	0.2	—	0.1	5.7	0.21	—	0.51	5.81
0.1	—	0.9	3.0	—	—	1.4	2.7	0.4	0.3	0.7	2.0	—	2.3	0.5	—	—	1.4	0.6	—	0.09	0.50	0.54	2.34
0.1	1.4	0.7	0.1	1.0	1.2	0.2	1.2	0.1	1.3	0.8	0.2	1.3	—	—	1.6	1.4	—	—	1.4	0.50	0.96	0.32	0.56
1.2	—	—	3.0	0.7	—	—	2.6	0.7	—	0.2	2.6	—	—	0.4	2.9	—	—	0.1	3.6	0.54	—	0.19	2.59
2.1	2.3	0.4	—	2.5	1.0	—	0.1	2.7	2.1	—	0.1	1.4	2.2	—	—	0.2	1.5	—	—	1.20	1.29	0.09	1.01
—	0.4	0.5	1.2	0.1	—	0.9	1.9	—	—	0.3	1.8	—	—	0.7	0.8	—	1.6	0.5	0.6	0.05	0.81	0.42	0.79
—	0.1	3.2	1.8	—	0.1	3.6	1.6	—	—	3.7	1.5	—	0.1	3.1	0.8	—	0.3	3.2	0.1	—	0.09	3.16	1.00
—	0.1	3.8	1.4	—	0.2	4.5	0.7	—	—	2.2	1.5	—	—	2.6	1.0	—	—	3.2	1.4	—	0.06	3.52	1.19
—	—	2.0	3.9	0.3	—	0.6	4.6	1.7	—	—	4.2	1.4	—	—	2.7	0.1	—	0.3	3.5	0.44	0.01	1.61	3.01
1.6	—	—	4.9	2.7	0.1	—	3.1	2.7	0.2	—	2.3	1.8	—	—	1.4	0.3	—	—	2.0	1.16	0.04	0.02	3.04
1.7	—	0.1	2.6	2.3	0.1	—	2.5	1.4	—	—	2.9	0.3	—	0.4	3.4	—	—	0.1	3.1	0.95	0.01	0.08	2.69
0.6	—	0.3	3.9	0.2	—	0.8	4.2	0.1	—	0.7	5.0	—	—	0.9	4.2	—	—	0.6	4.7	0.12	—	0.50	3.89
3.7	0.3	—	2.0	4.6	0.6	0.1	1.2	4.6	0.7	—	1.0	4.6	0.6	—	0.6	4.2	0.4	—	0.6	3.26	0.51	0.01	1.11
3.4	0.3	—	1.7	3.6	0.5	—	1.5	3.3	0.3	—	1.3	2.2	0.8	—	0.1	1.0	0.8	—	—	2.94	0.41	—	1.09
0.2	—	0.5	4.9	2.4	—	0.1	4.1	3.5	0.2	—	2.1	2.4	0.1	—	1.8	1.0	—	—	2.3	1.22	0.06	0.19	3.12
2.4	0.2	—	1.0	1.8	0.1	—	0.8	0.6	—	0.5	1.7	—	—	0.8	4.2	—	—	0.9	3.3	1.09	0.04	0.28	2.24
—	—	0.8	3.6	—	—	0.8	5.2	0.1	—	0.8	6.1	0.6	—	0.2	4.3	0.1	—	0.1	3.7	0.10	—	0.59	3.91
1.3	0.3	0.3	1.6	1.5	2.3	—	0.3	2.3	2.8	—	—	2.6	3.0	—	—	1.7	2.2	—	—	1.18	1.34	0.11	1.44
0.9	3.4	0.2	—	0.3	3.5	0.5	—	0.3	3.2	0.4	—	0.4	2.5	0.1	—	0.1	1.9	0.1	—	0.75	2.76	0.18	—
0.3	2.5	0.5	—	0.2	1.0	0.6	0.6	0.3	—	0.1	2.0	0.1	—	—	1.3	0.5	—	—	1.3	0.19	1.20	0.25	0.65
0.7	—	—	3.3	1.5	—	—	2.8	2.0	—	—	2.3	1.1	—	—	2.3	0.1	—	—	3.0	0.78	—	0.01	2.51
0.2	—	0.5	3.4	0.2	—	0.5	5.3	0.2	—	0.3	5.0	—	—	0.3	3.9	—	—	0.9	2.9	0.16	—	0.34	3.71
—	—	1.9	3.9	—	—	2.3	3.6	—	0.2	2.0	2.3	—	—	1.5	2.4	—	—	2.6	1.7	—	0.02	1.76	2.65
—	—	2.5	5.2	—	—	2.3	5.2	—	—	1.6	5.1	—	—	0.7	4.7	—	—	0.9	3.1	—	—	1.91	4.15

## m i t t e l.

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mtt.
50.05	56.52	59.16	56.52	55.84	63.08	57.69	55.92	55.50	57.24	61.64	62.36	59.35	58.26	53.74	51.22	57.10
7.38	5.81	5.14	7.29	3.45	2.51	8.74	12.74	13.62	14.04	13.15	15.14	16.39	17.61	20.08	17.49	8.17
94	62	67	62	57	54	56	59	58	61	64	55	55	57	55	70	62
7.20	3.93	4.33	4.53	3.13	3.00	5.33	6.20	6.80	7.27	6.97	7.33	7.37	8.27	9.77	9.60	5.29
0.43	3.03	2.57	3.43	2.43	2.57	4.60	4.90	6.50	5.43	4.70	6.47	6.80	7.93	9.67	5.23	3.82



Mai 1917.

Datum	B e w ö l k u n g												
	Menge in Zehnteln						F o r m						
	7h	10h	13h	16h	19h	22h	7h	10h	13h	16h	19h	21h	22h
1	1	9	8	6	3	2	⊙ CiS	Cu	⊙ Cu,Cu [Nb]	Cu,CuNb	⊙ Cu	FrCu	AS
2	1	10	10	9	9	1	⊙ CiS, [FrCu]	St	Nb	SCu	Nb	FrSt	FrSt
3	10	9	9	7	6	7	Nb	SCu	SCu	⊙ SCu	⊙ Cu,Ci	SCu	ACu
4	0	1	1	0	1	1	⊙ —	⊙ FrCu	⊙ FrCu	⊙ —	⊙ Ci,St	SCu	St
5	8	3	4	10	10	10	⊙ ACu	⊙ Ci,ACu	⊙ FrCu	SCu	⊙ CiS	AS	AS
6	10	10	10	10	10	10	⊙ CiS,AS	⊙ Ci,ACu	SCu	St	Nb	Nb	SCu
7	9	10	9	9	1	2	⊙ ACu	⊙ ACu,Fr [Cu]	Cu	Nb	⊙ FrCu	St	SCu
8	1	7	8	7	1	10	⊙ CiS	⊙ CuNb	Cu	⊙ Cu	⊙ FrCu	SCu	ACu,SCu
9	1	3	8	9	10	10	⊙ ACu, [SCu]	⊙ Cu	Cu	SCu	⊙ CiS,St	St	St
10	9	10	10	10	10	7	ACu,SCu	CuNb	Nb	SCu	Nb	Nb	SCu
11	0	3	8	6	1	1	⊙ —	Cu	Cu	⊙ Cu	⊙ FrCu	AS	CiS
12	0	1	4	0	0	0	⊙ —	⊙ Cu	⊙ Cu	⊙ —	⊙ —	—	—
13	0	1	6	1	9	7	⊙ —	⊙ Ci	⊙ Ci	⊙ CiS	⊙ Ci,AS	Ci,AS	CiS,AS
14	6	9	9	10	9	10	⊙ Ci	⊙ CiS	⊙ CiS	CiS	⊙ CiS,St	St	St
15	10	10	10	10	10	10	St	St	St	Nb	Nb	Nb	Nb
16	10	10	10	10	4	1	Nb	St	Nb	St	St	CiS	CiS
17	9	10	7	6	2	0	⊙ CiS	Cu,CiS	⊙ CiS,Cu	⊙ Ci,FrCu	⊙ FrCu,Ci	FrCu	—
18	8	6	9	10	9	10	⊙ ACu	Cu,CiS	SCu	St	⊙ St	St	St
19	0	0	2	9	10	10	⊙ —	⊙ —	⊙ FrCu	⊙ SCu	SCu	St	AS
20	2	10	9	9	9	7	⊙ ACu	SCu	Cu	SCu	CuN	SCu	SCu
21	1	1	1	1	1	0	⊙ FrCu	⊙ FrCu	⊙ FrCu	⊙ CiS,Fr [Cu]	⊙ CiS	AS	—
22	8	6	7	0	1	9	⊙ Ci,ACu	⊙ CiS	⊙ Cu	⊙ —	⊙ ACu	SCu	SCu
23	6	2	7	4	0	1	⊙ Ci	⊙ CiS	⊙ CiS,Fr [Cu]	⊙ FrCu	⊙ —	St	St
24	0	1	1	1	1	1	⊙ —	⊙ Ci	⊙ Ci	⊙ FrCu	⊙ CiS	AS	AS
25	8	8	8	10	10	10	⊙ Ci	⊙ Ci,CiS	⊙ FrCu	CiS	⊙ Ci,CiS	St,CiS	St,CiS
26	8	5	8	5	2	3	⊙ CiS,Ci	⊙ FrCu	⊙ Cu	⊙ Cu	⊙ Ci	SCu,Ci	SCu,Ci
27	0	1	1	9	5	4	⊙ —	⊙ Cu	⊙ FrCu	⊙ Ci, Cu	⊙ CiS	AS	AS
28	10	10	10	10	10	8	⊙ AS	⊙ AS	AS	⊙ CiS	⊙ Ci,CiS	Ci,CiS	CiS,AS
29	3	0	7	6	7	4	⊙ Ci	⊙ —	⊙ Ci	⊙ Ci,CiS	⊙ CiS,Ci	CiS	CiS
30	2	0	2	8	10	10	⊙ Ci	⊙ —	⊙ FrCu	⊙ CuNb	Nb	SCu	Nb
31	6	7	7	6	1	2	⊙ CiS,Fr [Cu]	⊙ FrCu	⊙ Cu	⊙ Cu	⊙ FrCu	CiS	CiS,FrSt

## S t u n d e n -

Stunden	Windkomponenten						Richtung φ°	Resultante R	Geschw.- mittel J
	N	E	S	W	N-S	E-W			
1	0.39	0.25	0.69	2.13	-0.30	-1.87	261	1.90	3.12
4	0.35	0.25	0.78	2.14	-0.43	-1.89	257	1.94	3.18
7	0.48	0.36	0.91	2.52	-0.43	-2.15	259	2.20	3.77
10	0.87	0.37	0.95	2.85	-0.07	-2.47	268	2.47	4.41
13	1.09	0.35	0.90	2.99	0.19	-2.64	274	2.65	4.64
16	1.19	0.37	0.63	2.89	0.56	-2.53	283	2.59	4.47
19	0.81	0.37	0.53	2.41	0.28	-2.04	278	2.06	3.70
22	0.41	0.33	0.67	2.24	-0.26	-1.92	262	1.94	3.31
Mitt.	0.70	0.33	0.76	2.52	-0.06	-2.19	269	2.19	3.82

Mai 1917.

Datum	Niederschläge mm.		Ver- dunstung mm.	Embach- stand cm.	B e m e r k u n g e n
	7h—21h	21h—7h			
1	0.2	—	1.6	261	*11 <sup>h</sup> 15 <sup>m</sup> mit Unterbr.—13 <sup>h</sup> 49 <sup>m</sup> ; $\Delta$ 13 <sup>h</sup> 49 <sup>m</sup> —14 <sup>h</sup> ;
2	0.5	0.1	1.0	259	$\Delta$ 8 <sup>h</sup> 21 <sup>m</sup> —26 <sup>m</sup> , n; *8 <sup>h</sup> 29 <sup>m</sup> —9 <sup>h</sup> 30 <sup>m</sup> ; [L]n.
3	0.0	—	1.3	242	$\Delta$ a. [● <sup>o</sup> 12 <sup>h</sup> 55 <sup>m</sup> —19 <sup>h</sup> 5 <sup>m</sup> mit Unt.; $\curvearrowright$ 19 <sup>h</sup> 20 <sup>m</sup> .
4	—	—	0.7	235	$\Psi$ 21 <sup>h</sup> .
5	—	—	2.3	239	
6	9.7	0.9	1.7	222	[—17 <sup>h</sup> 5 <sup>m</sup> ; *17 <sup>h</sup> 5 <sup>m</sup> —n.
7	0.1	—	2.2	213	● <sup>o</sup> 11 <sup>h</sup> 51 <sup>m</sup> —12 <sup>h</sup> 15 <sup>m</sup> ; ●16 <sup>h</sup> 45 <sup>m</sup> —57 <sup>m</sup> ; $\Delta$ 16 <sup>h</sup> 57 <sup>m</sup>
8	0.1	—	2.5	209	$\Delta$ 14 <sup>h</sup> 57 <sup>m</sup> —15 <sup>h</sup> 30 <sup>m</sup> ; 15 <sup>h</sup> 30 <sup>m</sup> —16 <sup>h</sup> 5 <sup>m</sup> ; [L]n. $\boxtimes$ 2
9	—	—	1.9	201	$\Delta$ 9 <sup>h</sup> 49 <sup>m</sup> mit Unterbrech.—14 <sup>h</sup> 20 <sup>m</sup> .
10	10.6	—	0.6	199	●10 <sup>h</sup> 34 <sup>m</sup> —55 <sup>m</sup> , 12 <sup>h</sup> 40 <sup>m</sup> —p; $\Delta$ 12 <sup>h</sup> 25 <sup>m</sup> —40 <sup>m</sup> ;
11	—	—	1.0	197	[17 <sup>h</sup> 37 <sup>m</sup> —21 <sup>h</sup> .
12	—	—	1.3	195	
13	—	—	2.5	193	$\oplus$ 12 <sup>h</sup> 40 <sup>m</sup> .
14	—	—	5.2	191	$\oplus$ 10 <sup>h</sup> 30 <sup>m</sup> —11 <sup>h</sup> 30 <sup>m</sup> .
15	3.2	18.5	2.0	188	● <sup>o</sup> 12 <sup>h</sup> 20 <sup>m</sup> —p; ●18 <sup>h</sup> 25 <sup>m</sup> —19 <sup>h</sup> , 20 <sup>h</sup> 25 <sup>m</sup> —n.
16	7.8	—	0.5	189	●a, p.
17	—	—	1.5	188	$\oplus$ 9 <sup>h</sup> —9 <sup>h</sup> 10 <sup>m</sup> ; [L]n.
18	0.1	—	1.8	189	● <sup>o</sup> 16 <sup>h</sup> 17 <sup>m</sup> —17 <sup>h</sup> 27 <sup>m</sup> .
19	—	—	2.8	189	
20	0.0	—	2.2	189	$\Delta$ 11 <sup>h</sup> 15 <sup>m</sup> —53 <sup>m</sup> .
21	—	—	0.9	185	
22	—	—	2.4	185	
23	—	—	2.3	178	
24	—	—	4.2	174	
25	—	—	2.6	168	
26	—	—	1.6	164	
27	—	—	2.0	165	
28	—	—	0.5	160	$\Psi$ 22 <sup>h</sup> 15 <sup>m</sup> .
29	—	—	4.2	159	
30	1.2	0.3	4.0	155	$\top$ 15 <sup>h</sup> 22 <sup>m</sup> —16 <sup>h</sup> 5 <sup>m</sup> ; $\boxtimes$ 18 <sup>h</sup> 30 <sup>m</sup> —19 <sup>h</sup> 7 <sup>m</sup> ;
31	—	—	3.6	152	[●18 <sup>h</sup> 54 <sup>m</sup> —19 <sup>h</sup> 7 <sup>m</sup> , 20 <sup>h</sup> 12 <sup>m</sup> —20 <sup>m</sup> , n.

m i t t e l.

Luft- druck	Tempe- ratur	Relative Feuchtig- keit	Bewölkung	Stunden
57.22	4.73	73	—	1
57.21	3.35	78	—	4
57.31	6.50	69	4.7	7
57.28	9.83	55	5.6	10
57.03	11.87	51	6.8	13
56.77	12.12	49	6.7	16
56.82	10.06	55	5.5	19
57.17	6.88	67	5.4	22
57.10	8.17	62	5.8	Mitt.

Juni 1917.

Datum	Luftdruck 700 mm. +								Temperatur							
	1h	4h	7h	10h	13h	16h	19h	22h	1h	4h	7h	10h	13h	16h	19h	22h
1	54.9	56.1	57.8	59.2	60.0	60.4	60.8	62.0	10.0	8.3	12.0	15.5	18.2	20.6	18.7	13.7
2	63.0	63.8	64.0	64.2	63.9	63.0	62.1	62.3	10.0	7.9	15.2	17.7	20.2	23.0	20.5	14.7
3	61.4	61.0	60.6	59.8	58.4	57.0	55.4	55.1	12.6	9.5	15.8	19.6	20.9	20.3	19.3	17.2
4	54.3	53.6	53.2	53.1	53.1	53.5	53.8	54.3	14.4	13.4	14.0	14.1	14.2	13.1	12.4	12.2
5	54.8	55.0	55.1	55.3	55.5	55.9	55.8	56.2	11.5	11.3	12.1	16.8	18.9	19.5	18.0	13.5
6	55.7	54.4	52.9	51.1	50.4	49.7	50.1	50.4	11.1	9.0	11.2	13.2	11.6	15.0	12.2	9.9
7	51.1	51.7	52.4	53.2	53.6	53.6	53.8	54.8	8.4	6.6	5.1	5.0	5.5	6.5	7.3	7.7
8	56.3	57.9	59.1	58.9	59.3	59.5	59.8	60.4	6.3	6.3	8.3	11.0	13.8	16.1	18.4	15.4
9	60.9	61.1	61.5	61.3	61.2	60.9	60.9	61.4	11.9	10.8	15.0	19.0	22.2	22.4	21.4	16.0
10	61.9	61.9	62.0	62.0	61.5	60.8	60.8	61.2	13.2	10.5	15.2	18.8	21.0	23.0	20.3	16.3
11	61.4	61.6	61.7	61.0	60.6	59.6	58.8	58.7	13.5	10.9	15.2	19.8	22.6	22.4	21.6	18.0
12	59.4	60.1	60.9	60.8	60.6	60.6	60.6	61.2	14.4	11.8	15.7	17.0	18.0	19.0	18.0	14.6
13	61.5	62.2	62.4	62.6	62.3	62.0	62.0	62.5	11.5	9.8	14.8	16.6	17.7	19.5	17.6	14.2
14	63.3	63.9	64.4	64.5	63.9	63.0	62.6	63.2	11.5	10.1	15.2	18.0	20.2	24.7	20.5	16.8
15	63.5	63.6	63.9	63.7	63.4	62.7	62.1	62.3	14.4	12.2	17.5	21.0	23.1	24.0	20.2	15.8
16	62.3	62.3	62.6	63.0	62.8	61.8	61.4	61.2	13.2	11.9	16.8	20.5	22.8	26.0	23.0	17.6
17	61.0	60.4	59.5	59.0	58.4	57.4	56.6	56.2	14.9	13.0	17.8	22.7	26.6	26.8	23.6	19.0
18	56.2	55.6	55.5	54.6	53.9	53.3	52.4	52.4	16.5	14.9	18.7	23.5	26.2	26.4	22.9	18.0
19	52.3	52.4	52.4	52.4	52.5	52.3	52.2	53.0	16.0	14.3	19.0	23.0	26.9	29.4	26.6	21.0
20	53.3	53.6	53.7	53.5	53.2	53.4	53.9	54.5	18.5	17.2	23.2	27.0	28.4	30.0	27.5	22.7
21	54.9	55.2	55.4	55.5	55.0	54.8	54.4	54.4	21.2	20.0	25.0	28.8	32.0	31.7	29.0	24.3
22	54.4	54.4	54.5	54.3	53.6	52.7	51.6	51.3	20.7	19.6	23.4	27.0	30.0	32.4	29.0	22.7
23	51.0	51.2	51.6	52.9	54.4	54.9	55.9	57.0	20.7	19.5	23.2	20.0	19.8	24.5	20.0	16.6
24	58.0	59.2	60.5	60.9	61.5	61.2	61.0	61.2	14.5	12.4	16.1	17.5	20.2	23.0	21.1	16.8
25	61.2	60.9	60.1	59.2	58.4	56.6	55.5	54.6	14.0	14.4	15.4	17.8	18.4	25.0	19.6	17.2
26	54.6	54.6	54.9	55.5	56.6	57.5	58.7	59.4	16.3	16.2	16.2	16.5	17.5	16.0	17.5	15.0
27	60.3	60.9	61.0	60.9	60.7	60.1	60.1	60.5	11.8	11.5	17.2	20.6	23.0	26.3	23.5	18.3
28	61.0	61.3	61.5	61.3	60.9	60.1	59.8	59.6	16.0	14.1	20.2	22.4	23.3	23.2	22.4	20.8
29	59.6	59.6	59.7	59.7	59.3	58.4	57.5	57.5	18.5	17.8	19.3	22.9	25.0	25.3	24.0	21.5
30	57.7	56.8	56.0	56.1	55.7	54.6	54.2	54.9	17.9	17.2	21.8	24.8	28.0	24.0	18.8	18.0

## E r g ä n z e n d e B e o b a c h -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Luftdruck . . . . .	61.6	62.3	55.1	54.0	56.0	50.3	54.1	60.2	60.9	61.1	58.7	61.3	62.2	62.7
Temperatur . . .	15.2	16.4	17.7	12.6	14.6	10.3	7.8	15.4	17.0	17.7	19.0	15.8	15.4	18.6
Relative Feucht. .	39	54	63	98	67	96	100	84	79	46	53	57	67	73
Bewölkung . . . .	1	0	10	10	1	10	10	2	0	1	9	1	0	2
Temperatur {	max.	20.7	23.4	23.6	17.9	20.6	16.9	10.3	18.5	22.7	23.0	25.0	19.4	19.5
	min.	8.1	7.7	9.5	12.1	11.0	9.0	4.4	6.3	10.7	10.4	10.8	11.8	10.0

Juni 1917.

Datum	Relative Feuchtigkeit %								Absolute Feuchtigkeit mm.			Completive Feucht. mm.			Feuchtes Thermometer		
	1h	4h	7h	10h	13h	16h	19h	22h	7h	13h	21h	7h	13h	21h	7h	13h	21h
1	82	87	61	41	32	30	32	43	6.4	5.0	5.1	4.0	10.5	7.8	8.4	10.0	8.6
2	53	63	46	35	28	26	41	60	5.9	4.9	7.5	7.0	12.6	6.4	9.4	10.8	11.4
3	60	77	66	43	45	48	55	67	8.8	8.2	9.5	4.6	10.2	5.5	12.2	13.8	13.6
4	85	92	87	82	95	94	98	98	10.4	11.4	10.6	1.5	0.6	0.2	12.8	13.7	12.4
5	98	97	87	64	54	53	60	75	9.1	8.7	8.3	1.4	7.5	4.0	10.9	13.4	11.3
6	82	93	98	94	95	77	82	98	9.7	9.7	9.0	0.2	0.5	0.3	11.0	11.2	10.0
7	96	96	96	96	98	99	99	100	6.3	6.6	7.9	0.3	0.1	0.0	4.8	5.4	7.8
8	99	98	92	80	88	81	76	87	7.5	10.4	10.9	0.6	1.4	2.1	7.7	12.7	13.8
9	91	93	80	55	46	44	54	81	10.1	9.0	11.4	2.5	10.8	3.0	13.0	15.0	14.8
10	90	94	76	56	52	48	45	53	9.8	9.5	6.9	3.1	9.0	8.2	12.8	14.9	11.4
11	59	61	61	47	46	46	45	56	7.9	9.4	8.6	5.0	11.0	7.7	11.2	15.4	13.4
12	81	82	63	51	47	47	50	60	8.3	7.2	7.6	4.9	8.2	5.8	11.8	11.8	11.2
13	74	81	61	54	60	50	50	68	7.6	9.0	8.7	4.9	6.0	4.9	10.8	13.2	12.0
14	78	89	60	54	53	54	60	75	7.8	9.3	11.7	5.1	8.3	4.3	11.1	14.4	15.6
15	76	84	72	57	57	57	63	80	10.8	11.9	11.0	4.1	9.1	3.4	14.5	17.4	14.5
16	96	98	85	71	59	51	57	68	12.0	12.1	10.3	2.2	8.5	6.2	15.2	17.1	14.8
17	78	86	69	51	38	43	57	78	10.5	9.9	13.4	4.6	16.0	4.2	14.4	17.2	17.4
18	76	79	66	51	41	40	50	68	10.6	10.2	11.7	5.5	15.0	4.7	14.8	17.3	15.8
19	70	72	66	60	47	47	52	67	10.8	12.4	12.2	5.5	13.9	7.6	15.1	19.0	17.2
20	71	74	58	43	40	37	46	60	12.3	11.3	12.8	8.8	17.4	8.8	17.7	18.8	18.2
21	67	66	63	49	41	39	43	59	14.9	14.3	12.9	8.7	21.0	11.7	20.0	22.4	19.0
22	66	67	53	42	35	34	42	57	11.4	11.2	12.1	10.0	20.3	10.1	17.1	18.6	17.8
23	66	62	62	81	60	50	64	85	13.0	10.3	11.6	8.1	6.9	2.9	18.2	15.0	15.0
24	90	96	68	54	46	44	48	72	9.2	8.0	10.3	4.4	9.6	5.1	12.7	13.4	14.4
25	86	77	74	68	71	63	91	92	9.6	11.1	14.4	3.4	4.6	1.2	12.7	15.1	17.4
26	96	97	93	87	80	73	71	84	12.7	12.0	11.1	0.9	2.9	2.4	15.5	15.4	14.2
27	90	92	71	55	47	44	55	77	10.4	9.9	11.5	4.2	11.0	5.2	14.1	15.9	15.8
28	81	84	68	50	49	51	57	62	12.0	10.4	11.5	5.6	10.8	7.6	16.4	16.4	16.6
29	78	86	87	66	52	56	68	86	14.4	12.1	17.1	2.2	11.4	3.2	17.8	18.2	20.6
30	91	93	83	58	53	54	88	92	16.2	15.0	14.0	3.2	13.1	1.7	19.8	21.0	17.2

t u n g e n u m 21 h.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mtt.
62.2	61.1	56.2	52.4	52.8	54.4	54.4	51.2	56.5	61.3	55.0	59.5	60.1	59.6	57.6	55.8	57.69
17.0	19.2	20.2	19.1	22.1	23.6	25.8	24.0	17.1	18.1	18.2	16.0	19.4	21.6	22.5	18.4	17.86
77	62	76	71	61	59	52	54	80	67	93	82	69	60	84	89	70
4	9	2	7	2	2	4	3	8	8	10	1	2	10	9	10	4.9
25.2	26.3	28.0	27.5	29.8	30.2	32.9	32.5	24.5	23.2	25.1	18.6	26.5	27.0	28.5	31.5	24.13
12.8	11.8	13.0	14.8	14.3	17.0	19.9	19.5	17.4	12.3	13.5	15.0	11.5	14.0	17.8	17.2	12.40

Juni 1917.

Datum	Windgeschwindigkeit m/sec.								Wind															
									1h				4h				7h							
	1h	4h	7h	10h	13h	16h	19h	22h	N	E	S	W	N	E	S	W	N	E	S	W				
1	3.0	2.9	3.1	4.5	4.3	3.6	2.2	1.9	—	—	0.8	2.6	0.1	—	0.1	2.8	0.7	—	—	2.7				
2	1.7	0.9	0.9	2.1	2.4	2.1	2.0	1.5	1.1	—	—	1.0	0.6	—	—	0.4	0.4	—	—	0.6				
3	1.8	1.9	2.8	4.2	4.2	3.3	2.5	2.3	—	1.8	—	—	—	1.8	0.1	—	—	2.3	1.2	—				
4	1.4	1.2	2.7	3.0	3.2	3.8	3.3	3.2	—	—	0.6	1.0	—	—	0.2	1.1	0.2	—	—	2.6				
5	2.7	2.7	2.7	3.3	4.4	4.5	3.6	2.4	0.3	—	—	2.6	0.1	—	0.2	2.6	—	—	0.5	2.5				
6	1.8	1.5	1.7	3.9	3.2	1.6	3.9	5.1	—	—	0.7	1.3	—	0.3	1.2	0.2	—	1.2	0.8	—				
7	5.9	5.5	5.4	5.1	5.3	4.4	2.5	2.0	2.0	—	—	—	1.5	—	0.1	4.7	1.6	0.1	—	4.4				
8	1.8	1.4	1.6	2.1	2.5	2.8	2.8	3.2	0.1	1.6	0.2	—	—	1.4	0.1	—	1.0	0.4	—	0.4				
9	2.5	2.5	2.4	3.3	3.7	3.1	2.0	0.7	2.1	—	—	—	1.9	—	—	1.0	1.6	—	—	1.3				
10	1.7	1.3	1.4	1.8	2.4	2.6	2.4	1.7	1.7	0.2	—	—	1.2	0.1	—	—	0.8	0.7	0.1	—				
11	1.8	1.9	1.5	1.4	2.4	2.9	2.2	2.7	1.9	—	—	—	1.8	—	—	0.2	0.2	0.9	0.5	0.1				
12	2.7	2.7	3.4	3.9	4.5	4.3	3.1	2.1	2.3	—	—	0.8	2.5	—	—	0.4	2.6	1.1	—	0.3				
13	2.0	1.9	2.7	3.3	3.7	4.1	3.0	1.5	2.0	—	—	0.1	1.8	—	—	0.1	1.8	1.8	—	—				
14	2.0	1.0	1.3	1.5	1.9	1.9	2.6	2.6	1.5	0.8	—	—	0.6	0.6	—	—	0.2	0.2	0.6	0.6				
15	2.0	2.2	2.2	3.8	4.5	4.5	3.6	3.5	1.7	—	—	0.7	0.2	—	0.1	1.9	—	—	0.4	2.1				
16	3.4	3.7	3.0	2.7	2.1	3.3	2.7	2.4	—	—	1.0	2.9	—	—	0.6	3.4	—	—	0.2	3.0				
17	2.9	2.4	3.4	4.4	5.1	5.9	4.4	3.6	—	—	0.4	2.7	—	—	0.7	2.1	—	—	1.2	2.7				
18	3.8	4.1	4.1	5.3	5.9	5.3	3.9	3.0	—	—	0.9	3.4	—	—	1.6	3.3	—	—	1.3	3.4				
19	2.6	1.7	2.4	2.4	3.0	3.0	2.2	2.1	—	—	0.5	2.3	—	—	0.4	1.5	0.1	—	0.4	2.1				
20	1.1	1.8	2.0	3.5	4.5	4.5	2.4	1.8	—	—	0.9	0.4	—	—	1.9	—	—	—	1.5	1.3				
21	2.8	2.2	2.0	3.6	4.4	4.3	1.4	2.1	—	—	1.4	2.1	—	—	1.4	1.6	—	—	1.3	1.2				
22	1.5	1.5	2.3	2.8	3.8	4.1	3.1	2.3	—	—	1.1	0.8	—	—	0.5	1.3	—	—	1.6	1.3				
23	2.8	2.9	2.7	4.2	3.9	3.4	2.9	2.2	—	0.8	2.4	—	—	0.4	2.6	0.1	—	—	1.8	1.7				
24	2.8	2.1	3.6	3.3	2.7	1.8	1.6	0.9	—	—	0.9	2.3	—	—	1.1	1.4	—	—	0.9	2.4				
25	2.4	2.7	2.5	4.1	3.4	2.7	2.1	3.0	1.7	1.3	—	—	1.4	1.9	—	—	1.0	2.0	0.2	—				
26	2.0	2.3	3.5	3.9	3.6	4.2	2.1	1.8	0.4	0.1	0.4	1.4	—	—	0.4	2.1	—	—	1.6	2.5				
27	1.2	1.2	1.3	2.4	2.2	2.3	2.1	1.7	0.2	—	—	1.1	0.2	—	—	1.1	—	—	0.7	1.0				
28	1.6	1.6	1.0	2.6	2.6	2.3	1.6	1.2	—	1.1	1.0	—	—	0.8	1.2	—	—	0.3	0.9	—				
29	1.3	1.3	1.2	2.3	2.4	2.1	1.4	2.5	0.8	0.9	—	—	0.7	1.0	—	—	0.4	0.8	0.2	—				
30	2.3	2.4	2.4	2.7	3.3	3.1	3.4	2.2	0.1	1.4	0.5	1.0	—	1.6	1.4	—	—	0.8	1.7	0.5				

T a g e s -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Luftdruck	58.90	63.29	58.59	53.61	55.45	51.84	53.02	58.90	61.15	61.51	60.42	60.52	62.19	63.60	63.15
Temperatur	14.62	16.15	16.90	13.47	15.20	11.65	6.51	11.95	17.34	17.29	18.00	16.06	15.21	17.12	18.52
Relative Feuchtigkeitt	51	44	58	92	74	90	98	88	68	64	53	60	62	65	68
Absolute Feuchtigkeitt	5.50	6.10	8.83	10.80	8.70	9.47	6.93	9.60	10.17	8.73	8.63	7.70	8.43	9.60	11.23
Completive Feuchtigkeitt	7.43	8.67	6.77	0.77	4.30	0.33	0.13	1.37	5.43	6.77	7.90	6.30	5.27	5.90	5.53

Juni 1917.

komponenten m/sec.																			
10h				13h				16h				19h				22h			
N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
1.3	—	—	3.8	1.3	—	—	3.7	1.7	—	—	2.6	1.4	—	—	1.3	1.2	—	—	1.1
0.6	1.1	0.5	0.4	0.6	1.9	0.3	—	0.8	1.6	—	—	2.0	0.2	—	—	1.6	—	—	0.51
—	3.2	1.5	—	—	3.4	1.4	—	—	2.3	1.6	—	2.2	0.7	—	—	1.0	1.3	0.5	—
0.2	—	0.1	2.9	0.1	—	0.4	3.0	—	—	0.4	3.6	—	—	0.3	3.1	—	—	0.2	3.1
—	—	1.2	2.5	—	—	1.5	3.5	—	—	1.2	3.6	—	—	0.7	3.3	—	—	0.6	2.1
0.1	—	2.9	1.2	—	0.9	2.6	0.3	0.2	—	0.9	2.3	0.3	—	0.1	3.8	1.2	—	0.1	4.6
0.3	—	0.1	4.9	0.4	—	0.1	4.9	0.3	0.1	—	4.2	—	—	0.2	2.3	—	1.8	0.2	0.1
0.9	—	—	1.7	1.8	0.3	—	0.8	2.0	0.1	—	1.1	2.2	0.4	—	0.6	2.0	—	—	1.3
2.1	0.2	—	0.4	2.2	2.5	—	—	2.2	1.7	—	0.1	1.5	0.8	—	—	0.4	0.4	—	—
0.7	0.6	0.1	0.5	0.8	1.4	0.3	—	0.5	2.3	0.5	—	0.2	2.2	0.1	—	1.2	0.8	—	—
0.4	0.2	—	1.3	0.3	—	0.4	2.0	1.8	0.1	—	1.5	1.5	—	—	1.1	1.3	—	—	1.9
3.0	1.4	—	0.3	3.1	2.2	—	0.2	2.9	2.3	—	0.1	2.0	1.7	—	—	1.9	—	—	0.2
1.6	2.5	—	—	1.9	2.5	—	—	2.3	2.9	—	—	1.7	2.0	—	—	0.9	0.9	—	—
0.2	0.1	0.5	0.6	1.0	0.1	—	1.1	0.3	—	0.5	2.2	—	—	0.8	2.1	0.4	—	0.3	2.2
0.2	—	0.7	3.3	0.2	—	0.7	4.0	0.1	—	0.6	4.2	0.2	—	0.3	3.5	—	—	0.6	3.3
0.3	—	0.2	2.4	0.1	—	0.6	1.8	—	—	0.5	2.9	0.1	—	—	2.7	—	—	0.4	2.2
—	—	1.5	3.5	0.1	—	1.4	4.4	0.1	—	1.0	5.4	0.1	—	0.7	4.0	—	—	0.8	3.2
0.1	—	1.2	4.5	0.2	—	1.0	5.3	0.2	—	0.7	4.9	—	—	0.5	3.5	—	—	1.0	2.6
0.1	—	0.5	1.4	0.1	—	0.6	2.9	0.1	—	0.4	2.8	—	—	0.2	2.1	—	—	—	2.0
—	0.1	2.3	2.3	—	—	1.6	3.7	0.1	0.1	0.7	4.1	—	—	0.4	2.3	—	—	1.4	2.1
—	—	2.0	2.9	—	—	0.6	4.0	—	—	0.6	4.0	—	—	0.1	1.4	—	0.2	1.8	0.6
—	—	2.1	1.4	—	0.3	3.5	0.4	—	—	4.1	0.1	—	1.2	2.5	—	—	0.9	1.8	—
—	—	0.8	3.8	0.3	—	0.5	3.6	—	—	0.7	3.1	0.1	—	0.2	2.6	—	—	0.8	1.9
0.2	—	0.5	2.8	0.3	—	0.4	2.4	0.5	0.1	0.1	1.3	0.6	0.6	0.1	0.3	0.6	0.6	—	—
1.0	3.4	0.3	—	1.6	2.6	—	—	1.0	1.7	0.3	—	0.6	1.5	0.4	—	—	2.2	1.2	0.2
0.1	—	2.0	2.5	—	—	0.4	3.5	0.8	—	0.1	3.9	0.6	—	—	1.9	0.4	—	—	1.6
—	1.3	1.8	—	—	0.6	1.8	0.2	—	0.9	1.7	0.2	—	1.6	0.9	—	—	1.2	0.8	—
—	2.3	1.0	—	0.2	0.2	2.1	0.8	0.2	2.0	0.5	—	—	1.6	0.2	—	0.2	1.2	—	—
0.5	2.0	0.2	—	0.5	1.9	0.4	—	0.2	1.7	0.7	—	—	1.2	0.3	—	—	1.7	1.1	0.5
—	0.5	1.2	1.8	—	0.7	3.6	0.4	—	—	0.7	2.8	0.8	—	0.5	2.7	0.6	0.4	0.4	1.3
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

m i t t e l.

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mtt.
62.18	58.56	54.24	52.44	53.64	54.95	53.35	53.61	60.44	58.31	56.48	60.56	60.69	58.91	55.75	58.01
18.97	20.55	20.89	22.02	24.31	26.50	25.60	20.54	17.70	17.72	16.40	19.02	20.30	21.79	21.31	17.99
73	62	59	60	54	53	50	66	65	78	85	66	63	72	76	67
11.47	11.27	10.83	11.80	12.13	14.03	11.57	11.63	9.17	11.70	11.93	10.60	11.30	14.53	15.07	10.32
5.63	8.27	8.40	9.00	11.67	13.80	13.47	5.97	6.37	3.07	2.07	6.80	8.00	5.60	6.00	6.23

Juni 1917.

Datum	B e w ö l k u n g												
	Menge in Zehnteln						F o r m						
	7h	10h	13h	16h	19h	22h	7h	10h	13h	16h	19h	21h	22h
1	0	0	0	1	0	0	⊙—	⊙—	⊙—	⊙ ACu	⊙—	St	—
2	0	0	0	0	0	0	⊙—	⊙—	⊙—	⊙—	⊙—	⊙—	—
3	1	1	8	10	10	10	⊙ CiS	⊙ CiS, Ci- [Cu]	AS, SCu	SCu	St, SCu	SCu	SCu
4	10	10	10	10	10	10	SCu	St	Nb	Nb	St	Nb	Nb
5	7	3	5	7	7	1	⊙ FrSt	⊙ CiS, Ci	⊙ Cu	⊙ Cu, Fr [Cu]	⊙ SCu, Fr [Cu]	CiS	CiS
6	10	10	10	8	9	10	Nb	SCu	Nb	⊙ CuNb	CuNb	Nb	Nb
7	10	10	10	10	10	10	Nb	Nb	Nb	Nb	Nb	≡	St
8	10	10	10	10	8	1	St	SCu	SCu	SCu	⊙ SCu	⊙ FrCu	FrCu
9	8	3	6	1	0	1	⊙ Cl, Cl [Cu]	⊙ Cl, Cl [Cu]	⊙ Cu, Ci- [Cu]	⊙ Cu	⊙—	⊙—	CiCu
10	0	6	5	2	0	1	⊙—	⊙ Cu	⊙ Cu	⊙ Cu	⊙—	⊙ AS	AS
11	1	3	7	9	8	7	⊙ CiS	⊙ CiS	⊙ CiS, Cu	⊙ CiS, Cu	⊙ Ci	AS, Ci	AS, Ci
12	9	10	9	2	0	1	⊙ CiS	⊙ Ci, Cu	⊙ Cu	⊙ FrCu	⊙—	⊙ Ci	AS
13	1	6	4	3	0	0	⊙ Cu	⊙ Cu	FrCu	⊙ Ci	⊙—	⊙—	—
14	1	1	2	2	1	1	⊙ Ci	⊙ Ci	⊙ FrCu	⊙ Cu	⊙ Cu	FrCu	FrCu
15	4	2	2	1	0	3	⊙ Ci	⊙ Cl, CiS	⊙ Cl, FrCu	⊙ Ci	⊙—	⊙ AS	AS
16	1	4	5	1	2	8	⊙ CiS	⊙ Ci	⊙ Ci	⊙ Cu	⊙ CiCu	Ci	Ci
17	9	8	10	0	0	1	⊙ CiS, [ACu]	⊙ CiS	⊙ CiS	⊙—	⊙—	AS	AS
18	9	0	0	1	2	4	⊙ AS	⊙—	⊙—	⊙—	⊙ Cu, Ci	Ci, ACu	AS
19	0	0	1	2	1	2	⊙—	⊙—	⊙ ACu	⊙ CiS	⊙ AS	AS, ACu	AS
20	0	2	2	1	0	1	⊙—	⊙ ACu	⊙ ACu	⊙ FrCu	⊙—	AS	AS
21	2	1	4	7	3	4	⊙ CiS	⊙ CiS	⊙ Ci	⊙ Ci	⊙ Ci	CiCu, AS	Cu, AS
22	0	0	2	0	3	2	⊙—	⊙—	⊙ Ci	⊙—	⊙ CiS	Ci, AS	Ci
23	9	10	8	7	8	6	⊙ ACu	St	SCu	⊙ Cl, SCu	⊙ SCu	⊙ SCu	FrCu, CiS
24	2	2	3	9	7	4	⊙ Cl, Cu	⊙ Ci, Cu	⊙ Cu	⊙ Cl, Fr [Cu]	CiS	AS, CiCu	AS, Ci
25	10	4	9	9	10	9	Nb	CiS	St, CiS	⊙ Cl, St	Nb	Nb	St
26	10	10	10	9	1	1	St	St	St	⊙ St, FrSt	⊙ FrSt	⊙ AS	AS
27	1	1	3	1	1	1	⊙ CiS	⊙—	⊙ FrCu	⊙ FrCu	⊙ Ci	AS	AS
28	7	4	9	9	10	9	⊙ Cl, Fr [Cu]	⊙ Cl, Cu	Ci, Cu	⊙ Cl, Cu	ACu	ACu	ACu, St
29	10	6	7	9	9	9	SCu	SCu, CiS	⊙ Cl, Cu	CiS, Cu	CiS, ACu	SCu, CuNb	St, CuNb
30	8	9	8	8	10	10	⊙ ACu	Cu, CiS	⊙ Cu	St, CuNb	SCu, CuNb	SCu	St

## S t u n d e n -

Stunden	Windkomponenten						Richtung $\varphi^0$	Resultante R	Geschw.- mittel J
	N	E	S	W	N—S	E—W			
1	0.66	0.33	0.46	1.02	0.21	— 0.68	287	0.71	2.31
4	0.49	0.33	0.53	1.11	— 0.04	— 0.78	267	0.78	2.18
7	0.42	0.42	0.65	1.36	— 0.23	— 0.94	256	0.97	2.44
10	0.46	0.63	0.83	1.77	— 0.38	— 1.14	252	1.20	3.25
13	0.57	0.72	0.87	1.90	— 0.30	— 1.18	256	1.22	3.52
16	0.61	0.66	0.62	2.03	— 0.01	— 1.37	270	1.37	3.39
19	0.46	0.63	0.35	1.49	0.12	— 0.85	278	0.86	2.63
22	0.41	0.50	0.49	1.29	— 0.08	— 0.79	264	0.79	2.31
Mitt.	0.51	0.53	0.60	1.49	— 0.09	— 0.97	265	0.97	2.75



Juni 1917.

Datum	Niederschläge mm.		Ver- dunstung mm.	Embach- stand cm.	B e m e r k u n g e n
	7h—21h	21h—7h			
1	—	—	3.0	148	● n; T n. ● 11 <sup>h</sup> 26 <sup>m</sup> —n. T, R, ● n. ● mit Unterb.—13 <sup>h</sup> 15 <sup>m</sup> , n; R, Tp. ● a; ● <sup>o</sup> p; Ta, p; ≡ n. ⊕ 20 <sup>h</sup> 30 <sup>m</sup> —45 <sup>m</sup> . Ω n. ● 08 <sup>h</sup> 55 <sup>m</sup> —9 <sup>h</sup> , 11 <sup>h</sup> 20 <sup>m</sup> —40 <sup>m</sup> ; ● 9 <sup>h</sup> 33 <sup>m</sup> —57 <sup>m</sup> ; ● <sup>o</sup> n. [T 9 <sup>h</sup> 10 <sup>m</sup> ; Ω n. ● —9 <sup>h</sup> 10 <sup>m</sup> , 12 <sup>h</sup> 15 <sup>m</sup> —30 <sup>m</sup> , 17 <sup>h</sup> 30 <sup>m</sup> —19 <sup>h</sup> 45 <sup>m</sup> , n; ● 11 <sup>h</sup> 40 <sup>m</sup> —48 <sup>m</sup> . [T 17 <sup>h</sup> 20 <sup>m</sup> —30 <sup>m</sup> , 20 <sup>h</sup> 30 <sup>m</sup> —21 <sup>h</sup> ; [R 19 <sup>h</sup> 10 <sup>m</sup> , 21 <sup>h</sup> 7 <sup>m</sup> . R 22 <sup>h</sup> 33 <sup>m</sup> —24 <sup>h</sup> 45 <sup>m</sup> ; <, ● n. ● 17 <sup>h</sup> 55 <sup>m</sup> —19 <sup>h</sup> , n; R 18 <sup>h</sup> 2 <sup>m</sup> , 18 <sup>m</sup> , 25 <sup>m</sup> ; < 19 <sup>h</sup> 53 <sup>m</sup> ; [T 17 <sup>h</sup> 48 <sup>m</sup> ; 20 <sup>h</sup> 10 <sup>m</sup> —21 <sup>h</sup> .
2	—	—	2.0	144	
3	—	0.7	2.1	139	
4	3.2	0.2	0.3	146	
5	—	1.8	2.3	142	
6	7.2	17.4	0.6	142	
7	9.4	—	0.2	144	
8	—	—	0.7	149	
9	—	—	2.2	152	
10	—	—	1.5	157	
11	—	—	2.2	159	
12	—	—	2.3	158	
13	—	—	2.6	156	
14	—	—	2.6	156	
15	—	—	3.2	155	
16	—	—	2.6	152	
17	—	—	4.8	150	
18	—	—	3.2	147	
19	—	—	3.3	134	
20	—	—	5.3	142	
21	—	—	4.5	140	
22	—	—	6.0	137	
23	0.2	—	1.6	133	
24	—	0.1	2.1	129	
25	5.4	6.4	1.1	126	
26	0.1	—	0.8	125	
27	—	—	2.8	124	
28	—	—	2.2	124	
29	—	0.5	0.8	123	
30	2.8	0.5	2.4	123	

m i t t e l.

Luft- druck	Tempe- ratur	Relative Feuchtig- keit	Bewölkung	Stunden
58.04	14.18	80	—	1
58.21	12.75	84	—	4
58.36	16.52	72	5.0	7
58.32	19.27	60	4.5	10
58.15	21.21	55	5.6	13
57.71	22.64	53	5.0	16
57.49	20.50	60	4.3	19
57.79	16.85	74	4.3	22
58.01	17.99	67	4.8	Mitt.

Juli 1917.

Datum	Luftdruck 700 mm. +								Temperatur							
	1h	4h	7h	10h	13h	16h	19h	22h	1h	4h	7h	10h	13h	16h	19h	22h
1	55.7	56.2	57.0	57.9	58.0	58.0	58.3	59.0	17.1	14.6	13.9	15.5	17.6	17.5	16.4	13.3
2	59.0	58.8	58.4	58.3	57.6	56.6	56.4	56.5	11.7	11.5	16.2	18.2	20.0	20.4	18.3	15.6
3	56.0	55.6	54.8	54.4	53.7	53.0	52.5	51.4	13.8	10.9	13.7	17.1	19.2	18.3	16.1	15.4
4	50.9	50.0	49.5	49.4	48.9	48.7	48.3	48.1	14.2	11.9	16.7	17.8	20.0	19.2	18.8	13.8
5	48.0	47.5	47.9	49.3	50.3	50.9	51.4	52.7	11.0	9.2	14.5	15.5	16.4	16.3	14.5	8.7
6	53.0	53.2	53.5	53.2	53.1	53.0	53.1	53.3	5.5	4.4	11.2	12.7	14.0	14.7	13.5	9.8
7	53.5	53.3	53.3	53.5	53.4	53.5	53.5	53.5	7.8	7.1	4.3	8.0	12.2	11.8	10.0	7.9
8	53.7	53.9	54.1	54.8	55.0	55.1	55.2	55.4	7.3	5.4	10.0	12.1	14.5	14.3	11.9	8.5
9	56.0	56.3	56.5	56.5	56.1	55.5	54.8	54.3	6.4	5.3	11.0	13.0	15.2	15.2	15.0	12.7
10	54.0	53.4	53.0	52.2	51.6	51.6	51.8	52.3	10.6	9.6	14.8	16.1	18.5	18.7	17.2	15.1
11	51.9	51.3	50.7	50.3	50.0	50.0	50.3	50.5	13.8	12.2	13.8	15.0	16.2	15.9	16.0	16.6
12	51.5	52.6	54.1	55.4	56.1	57.0	57.9	58.7	16.0	12.6	16.3	18.8	21.6	20.6	19.5	16.5
13	59.2	59.4	60.0	59.8	59.3	59.0	59.0	59.6	13.2	10.6	15.1	21.0	23.0	22.4	21.2	17.2
14	59.6	59.2	58.9	58.3	57.1	56.4	56.1	56.1	14.2	12.7	17.1	19.1	21.6	20.6	20.0	18.6
15	55.3	54.1	53.4	53.3	52.9	51.9	51.3	50.5	17.5	14.9	15.8	16.1	17.4	18.0	18.8	18.8
16	50.3	49.6	48.5	48.5	48.5	47.7	47.6	47.7	19.1	18.1	17.4	18.6	20.5	22.7	21.7	18.5
17	47.8	47.9	48.2	48.5	49.4	50.2	51.0	52.0	16.8	15.7	16.5	17.4	17.4	16.6	16.5	14.7
18	52.6	52.8	53.3	53.6	53.9	54.2	54.7	55.2	13.3	12.4	15.8	19.2	21.5	21.1	19.6	14.9
19	55.7	55.7	55.8	55.4	54.7	54.4	53.1	52.9	12.1	11.2	15.6	18.7	21.6	22.4	21.0	16.7
20	52.6	52.0	51.4	50.8	50.0	49.3	48.6	48.3	13.6	11.4	17.6	20.4	23.0	22.5	19.3	17.5
21	47.9	47.7	47.6	47.8	48.0	47.5	47.4	48.0	15.4	13.9	15.1	18.7	18.4	19.7	19.6	18.4
22	47.9	47.5	47.5	47.5	47.6	47.1	47.2	47.4	16.0	15.8	16.4	16.9	17.4	17.2	15.3	13.5
23	47.1	46.9	46.6	47.0	47.6	47.8	47.8	47.9	12.7	11.9	12.7	13.7	14.4	14.7	13.8	11.7
24	48.0	47.7	48.0	48.9	49.4	50.1	50.4	50.5	11.1	11.2	12.6	14.6	15.8	14.2	13.3	11.4
25	50.7	50.9	51.1	51.4	51.8	52.2	52.8	53.4	10.9	10.2	11.1	12.0	12.4	11.7	11.1	10.5
26	53.7	53.8	53.9	54.2	54.3	54.2	54.3	54.3	10.3	10.2	11.8	13.1	14.0	13.3	12.5	11.5
27	54.4	54.5	54.6	54.5	54.3	53.8	52.7	52.6	11.0	10.8	11.0	13.5	15.5	16.1	16.0	13.2
28	52.2	51.5	50.7	50.1	49.6	49.0	48.8	49.0	10.9	9.5	11.0	16.2	21.2	22.0	20.8	15.9
29	49.2	49.1	49.2	49.8	50.3	50.7	51.3	52.0	13.6	11.2	13.0	18.7	21.4	22.1	20.0	17.3
30	52.7	53.3	53.8	54.4	54.6	54.6	54.6	55.4	15.4	12.7	16.5	21.3	23.8	24.6	23.0	18.7
31	56.5	57.6	58.5	58.6	58.6	58.8	59.2	59.8	16.9	15.7	18.4	23.4	25.4	25.1	23.1	19.4

## E r g ä n z e n d e B e o b a c h -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Luftdruck . . .	58.8	56.5	51.8	48.2	52.0	53.2	53.7	55.4	54.5	52.4	50.3	58.4	59.3	56.2	50.5
Temperatur . . .	14.6	16.8	15.7	16.2	10.0	11.0	8.8	9.5	13.8	15.1	16.4	17.5	18.0	19.0	18.9
Relat. Feuchtigkeit	73	65	56	63	62	64	90	82	43	79	65	56	58	54	90
Bewölkung . . .	1	9	7	2	0	9	10	1	7	9	9	8	8	10	10
Temperatur {	max.	19.0	21.6	20.4	21.0	18.5	16.5	14.0	16.5	18.3	19.5	16.8	22.6	24.2	19.7
	min.	13.0	11.4	10.7	11.8	9.2	4.2	4.1	4.5	5.3	8.8	12.1	12.6	10.4	14.6

Juli 1917.

Datum	Relative Feuchtigkeit %								Absolute Feuchtigkeit mm.			Completive Feucht. mm.			Feuchtes Thermometer		
	1h	4h	7h	10h	13h	16h	19h	22h	7h	13h	21h	7h	13h	21h	7h	13h	21h
1	94	94	84	74	55	53	58	80	10.0	8.2	9.0	1.8	6.7	3.4	12.4	12.5	11.9
2	86	73	61	53	59	54	60	68	8.3	10.2	9.2	5.4	7.2	5.0	12.0	15.0	13.0
3	71	75	72	51	45	45	50	55	8.4	7.4	7.4	3.2	9.1	5.8	11.0	12.5	11.0
4	74	75	59	47	44	48	51	69	7.3	7.7	8.6	6.8	9.7	5.1	12.2	13.0	12.2
5	86	93	73	48	44	43	50	68	9.0	6.2	5.7	3.3	7.7	3.5	11.8	10.2	6.7
6	82	90	75	63	56	47	48	68	7.5	6.7	6.3	2.4	5.2	3.5	9.0	9.3	7.8
7	75	85	97	79	72	74	74	96	6.0	7.6	7.6	0.2	3.0	0.8	4.1	9.6	8.0
8	99	99	83	61	52	52	63	86	7.6	6.3	7.2	1.5	5.9	1.6	8.6	9.5	8.0
9	93	95	70	51	39	38	38	54	6.8	5.0	5.1	3.0	7.8	6.6	8.3	8.6	8.0
10	79	88	63	51	49	51	63	76	7.9	7.7	10.1	4.6	8.1	2.7	11.0	12.4	13.0
11	82	90	81	74	65	60	59	70	9.5	8.9	9.0	2.2	4.7	4.9	12.0	12.5	12.6
12	79	82	65	55	48	46	49	57	9.0	9.1	8.4	4.8	10.0	6.5	12.6	14.8	12.6
13	72	83	74	47	41	45	50	67	9.5	8.7	8.9	3.3	12.2	6.5	12.5	15.0	13.2
14	76	84	76	54	50	50	53	54	11.0	9.5	8.9	3.5	9.6	7.4	13.7	15.0	13.6
15	57	88	94	95	94	93	85	92	12.5	13.9	14.6	0.8	0.8	1.6	15.2	16.8	17.8
16	93	92	90	86	79	60	64	82	13.2	14.1	12.6	1.5	3.8	4.1	16.3	18.0	16.6
17	90	92	90	84	83	88	79	82	12.6	12.3	10.9	1.4	2.5	2.6	15.5	15.6	14.0
18	87	93	77	62	53	52	54	75	10.2	10.1	9.7	3.1	9.0	3.6	13.4	15.5	13.0
19	88	94	86	64	48	45	48	67	11.3	9.2	9.2	1.8	9.9	6.5	14.2	14.9	13.6
20	86	94	69	51	42	49	62	78	10.4	8.7	11.7	4.6	12.2	3.6	14.2	15.0	15.4
21	84	93	88	73	85	71	74	89	11.2	13.4	13.5	1.6	2.3	2.6	13.9	16.8	17.0
22	92	91	90	90	89	91	89	90	12.5	13.1	10.6	1.4	1.7	1.2	15.4	16.2	13.0
23	88	85	83	77	66	65	67	85	9.0	8.1	8.3	1.9	4.1	2.3	11.1	11.0	10.2
24	89	94	78	70	59	74	72	77	8.5	7.8	8.5	2.3	5.5	1.8	10.6	11.4	10.2
25	79	88	86	73	72	77	80	90	8.5	7.7	8.2	1.4	3.0	1.6	9.9	9.8	9.6
26	92	92	82	70	73	76	81	88	8.5	8.7	9.0	1.8	3.2	1.4	10.2	11.4	10.7
27	88	86	89	73	66	63	67	79	8.6	8.7	9.2	1.1	4.4	2.8	10.0	13.0	11.8
28	86	89	79	63	59	52	54	84	7.8	11.0	10.2	2.0	7.6	4.6	9.2	16.1	14.0
29	89	91	81	64	56	54	60	70	9.0	10.5	9.9	2.1	8.4	5.6	11.2	15.8	14.1
30	87	91	80	62	57	50	52	63	11.5	12.4	10.1	2.4	9.4	7.4	14.7	18.0	15.0
31	80	84	75	53	45	46	55	73	11.8	10.7	12.0	4.0	13.3	5.3	15.6	17.4	16.4

t u n g e n u m 21 h.

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mtt.
47.6	51.8	55.0	52.9	48.3	48.0	47.4	47.9	50.5	53.3	54.3	52.7	48.9	51.6	55.8	59.6	52.80
19.4	16.0	15.8	18.4	18.0	18.8	14.0	12.2	11.8	11.0	11.9	14.1	17.4	18.2	20.1	20.0	15.43
76	81	73	58	76	84	90	78	82	84	87	77	69	64	58	69	70
9	10	1	2	2	10	10	8	3	10	10	2	2	1	7	1	6.1
25.3	20.0	23.5	24.6	25.6	21.5	19.0	15.5	16.7	12.8	15.0	17.5	23.5	22.7	26.5	28.4	20.30
16.5	15.0	11.8	10.6	11.4	12.5	14.0	11.5	10.2	9.0	9.8	10.4	7.8	9.4	10.8	13.6	10.60

Juli 1917.

Datum	Windgeschwindigkeit m/sec.								W i n d															
									1h				4h				7h							
	1h	4h	7h	10h	13h	16h	19h	22h	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
1	1.7	3.3	3.9	3.7	3.9	4.1	3.7	2.4	0.4	—	—	1.5	2.7	—	—	1.1	3.0	0.3	—	1.3				
2	2.8	3.0	3.9	4.3	3.4	3.6	3.9	3.1	1.5	1.9	—	—	1.7	2.0	—	—	2.6	2.3	—	—				
3	3.1	2.1	3.0	6.3	6.0	4.9	5.1	3.1	1.7	2.1	—	—	2.1	—	—	0.3	2.9	—	—	0.3				
4	3.3	3.7	3.6	4.2	4.4	3.3	3.3	3.4	2.2	0.1	—	1.6	2.1	—	—	2.4	2.5	0.2	—	1.8				
5	3.0	2.8	4.4	5.4	5.0	4.4	4.5	3.4	0.3	—	—	2.9	0.9	—	—	2.4	2.0	0.1	—	2.4				
6	3.6	2.8	2.9	3.6	4.2	3.9	3.3	1.7	0.1	—	0.1	3.6	—	—	0.1	2.8	0.1	0.1	0.5	2.6				
7	1.8	1.8	3.1	2.5	1.7	2.4	2.7	2.1	0.8	—	—	1.5	1.4	—	—	0.9	2.2	—	—	1.7				
8	2.7	2.9	3.9	4.3	4.6	4.1	3.6	1.6	—	—	0.5	2.5	—	—	0.5	2.5	0.1	—	0.8	3.6				
9	1.2	1.4	1.2	1.8	2.3	2.2	3.3	3.6	0.8	—	—	0.6	0.7	—	—	1.0	0.7	0.3	0.1	0.3				
10	2.2	2.7	4.0	5.4	4.5	3.7	2.4	2.7	1.8	0.9	—	—	1.9	1.7	—	—	2.4	2.7	—	—				
11	3.7	4.9	5.4	6.2	6.6	6.4	6.2	3.9	2.4	2.4	—	—	2.6	3.6	—	—	3.4	3.9	—	—				
12	2.9	3.4	3.3	3.9	4.3	3.4	2.5	1.9	2.7	—	—	0.5	3.1	0.3	—	0.4	2.8	0.7	—	0.3				
13	2.4	1.5	1.4	2.4	3.6	4.2	3.4	2.7	1.8	—	—	1.1	1.0	—	—	0.9	1.1	0.2	—	0.4				
14	2.8	3.0	3.9	5.3	5.5	5.5	4.8	5.0	2.7	—	—	0.3	2.5	0.9	—	0.1	2.8	2.1	—	—				
15	5.2	4.0	5.1	3.9	4.2	4.4	3.9	2.7	3.7	2.8	0.1	—	2.9	2.0	—	—	3.4	3.3	—	—				
16	2.2	2.1	2.7	3.6	3.3	2.7	1.5	0.6	—	2.2	—	—	—	2.2	—	—	—	2.6	0.3	—				
17	0.4	0.7	2.7	2.7	2.9	3.9	3.4	3.3	—	—	—	—	—	—	—	0.7	0.2	—	0.2	2.5				
18	3.8	3.3	3.6	3.9	4.4	4.5	3.4	2.7	0.1	—	0.2	3.7	0.1	—	0.2	3.2	—	—	0.3	3.4				
19	2.7	2.4	2.5	2.9	2.4	1.9	1.0	1.3	—	—	—	2.8	—	—	—	2.5	—	—	0.3	2.4				
20	1.2	1.2	1.7	2.1	2.6	2.1	1.5	1.5	0.8	—	—	0.7	0.9	—	—	0.5	—	1.5	0.4	—				
21	1.2	0.9	1.1	1.5	1.3	2.1	1.7	2.1	0.7	0.8	—	—	0.7	0.1	—	—	0.5	0.9	—	—				
22	1.8	1.9	1.8	2.7	2.7	2.4	2.8	2.7	1.6	0.1	—	0.3	1.8	0.2	—	0.2	1.3	0.9	0.2	—				
23	2.7	2.7	3.6	3.4	3.6	3.3	2.2	2.1	2.4	0.7	—	—	2.5	0.3	—	0.2	3.1	0.2	—	0.7				
24	2.2	2.5	3.1	4.0	3.4	3.4	2.8	3.3	1.2	—	—	1.6	1.4	—	—	1.7	2.7	0.2	—	0.6				
25	2.7	2.4	2.3	2.7	3.4	3.4	2.1	1.5	1.4	—	—	2.7	1.4	—	—	2.0	1.2	—	—	1.7				
26	1.1	0.4	1.9	2.0	2.5	2.0	1.4	1.5	1.0	0.3	—	0.5	—	—	—	1.1	—	—	—	—				
27	1.8	1.7	2.1	2.4	2.6	2.4	1.4	1.9	—	—	—	1.8	—	—	—	1.7	0.2	—	—	2.0				
28	2.8	2.8	3.0	3.3	3.3	2.5	0.9	1.8	—	—	—	2.8	—	—	—	2.8	—	—	0.1	3.0				
29	1.5	0.4	0.6	2.3	2.9	1.6	1.5	0.4	1.1	—	—	0.6	—	—	—	—	—	—	—	0.6				
30	0.4	0.4	0.6	1.3	2.0	2.3	1.8	1.8	—	—	—	—	—	—	—	—	0.5	0.2	—	—				
31	1.2	0.4	0.4	0.9	0.9	2.1	1.5	0.9	—	—	—	1.3	—	—	—	—	—	—	—	—				

T a g e s -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Luftdruck	57.51	57.70	53.92	49.22	49.75	53.18	53.44	54.65	55.75	52.49	50.62	55.41	59.41	57.71	52.84
Temperatur	15.74	16.49	15.56	16.55	13.26	10.72	8.61	10.50	11.72	15.08	14.94	17.74	17.96	17.99	17.16
Relative Feuchtigkeit	74	64	58	58	63	66	82	74	60	65	73	60	60	62	87
Absolute Feuchtigkeit	9.07	9.23	7.73	7.87	6.97	6.83	7.07	7.03	5.63	8.57	9.13	8.83	9.03	9.80	15.37
Completive Feuchtigkeit	3.97	5.87	6.03	7.20	4.83	3.70	1.33	3.00	5.80	5.13	3.93	7.10	7.33	6.83	1.07



Juli 1917.

Datum	B e w ö l k u n g												
	Menge in Zehnteln						F o r m						
	7h	10h	13h	16h	19h	22h	7h	10h	13h	16h	19h	21h	22h
1	4	4	5	0	0	1	⊙ CiCu, [FrSt]	⊙ CiCu, [FrSt]	⊙ ACu	⊙ —	⊙ —	AS	AS
2	1	1	5	1	9	9	⊙ FrCu	⊙ CiS	⊙ Cu	⊙ FrCu	SCu	SCu	St
3	9	8	9	10	10	8	CiS, St	CiS, FrSt	SCu	St	St	St	St
4	8	9	9	10	4	1	⊙ ACu	ACu	SCu	St	⊙ CiS, [SCu]	AS, CiS	CiS
5	1	0	1	5	1	0	⊙ ACu	⊙ —	⊙ Cu	Cu	⊙ FrCu	—	—
6	3	9	5	3	8	9	⊙ Cu	Cu	⊙ Cu	⊙ Cu	⊙ Ci, Cu	CiS, AS	Ci, St
7	10	8	9	9	9	10	Nb	St	Cu, SCu	Nb	Cu	SCu	Nb
8	4	9	8	9	3	2	⊙ FrCu	⊙ Cu, Fr [Cu]	⊙ CiCu, [Cu]	Cu, CiS	⊙ SCu, [CiS]	SCu	SCu
9	1	2	2	1	1	6	⊙ CiCu	⊙ Cu	⊙ Cu	⊙ Cu	⊙ Cu	FrCu	SCu
10	9	9	9	9	9	8	⊙ Ci	⊙ CiS, [Ci, Cu]	⊙ Cu	ACu, SCu	⊙ CiS, [SCu]	SCu	SCu
11	9	10	10	10	10	9	⊙ FrCu, [ACu]	SCu	SCu	St	St	St, SCu	St
12	2	2	4	7	2	8	⊙ Ci	⊙ Ci, Cu	⊙ FrCu, [CiS]	⊙ Ci, CiS	⊙ Ci, CiS	Ci, ACu	Ci, ACu
13	7	8	9	2	9	7	⊙ Ci	⊙ Cu, CiS	⊙ Cu, Ci	⊙ AS, Cu, [CiS]	⊙ Ci	AS, Ci, CiS	AS, Ci
14	10	9	10	10	10	10	⊙ CiS	⊙ Ci, CiS	⊙ CiS	St, CiS	St	Nb	St
15	10	10	10	10	10	10	Nb	Nb	Nb	St	FrSt	FrSt	SCu, FrSt
16	10	10	9	8	9	8	Nb	SCu	SCu	⊙ Cu, [ACu]	⊙ CiS, [ACu]	SCu, Ci	SCu, Ci
17	10	10	10	10	9	1	St	Nb	Nb	St	St	FrSt	St
18	1	2	8	4	1	1	⊙ AS	⊙ AS, Fr [Cu]	⊙ FrCu	⊙ Cu, CiS	⊙ AS	AS	AS
19	0	1	3	2	1	2	⊙ —	⊙ Cu	⊙ Cu	⊙ Cu	⊙ AS	AS	AS
20	2	2	3	8	4	2	⊙ St	⊙ CiS, St	⊙ St	⊙ St	AS, CiCu, [FrSt]	AS, St	St
21	10	10	10	9	10	10	St	FrSt	Nb	SCu, FrSt	FrSt, SCu	St, SCu	Nb
22	10	10	10	10	10	10	Nb	Nb	Nb	Nb	Nb	Nb	Nb
23	10	10	10	9	8	6	St	St, SCu	SCu	⊙ Cu, [FrCu]	⊙ SCu	FrCu, St	St, CiCu
24	10	10	9	10	8	3	FrSt	St, SCu	Cu, FrSt	FrSt	⊙ ACu, [St]	AS, FrCu	St
25	10	10	10	10	10	10	St	St	SCu	SCu	SCu	SCu	Nb
26	10	10	10	10	10	10	SCu, FrSt	St	St	St, SCu	St	St, FrSt	St
27	10	10	10	10	3	1	St, FrSt	SCu	FrSt	SCu	⊙ AS, Fr [St]	AS	AS
28	8	7	5	5	5	1	⊙ St, CiS	⊙ CiS	⊙ Cu, CiS	⊙ FrCu, [AS]	ACu	AS, St	AS, St
29	8	1	2	1	1	0	ACu	⊙ Cu	⊙ ACu	⊙ Cu	⊙ Cu	St	—
30	4	2	3	2	2	6	⊙ Ci	⊙ Cu	⊙ Cu	⊙ Cu	⊙ FrCu, [Ci]	Ci, FrCu	Ci, FrCu
31	9	9	8	3	1	1	⊙ Ci	⊙ CiS, Ci [Cu]	⊙ CiCu	⊙ Cu	⊙ Ci	AS	AS

## S t u n d e n -

Stunden	Windkomponenten						Richtung $\varphi^0$	Resultante R	Geschw.- mittel J
	N	E	S	W	N-S	E-W			
1	1.07	0.46	0.03	1.13	1.04	—0.66	327	1.24	2.33
4	1.11	0.43	0.03	1.01	1.08	—0.58	332	1.23	2.24
7	1.33	0.74	0.11	1.02	1.22	—0.28	347	1.25	2.80
10	1.71	1.06	0.21	1.05	1.51	0.01	360	1.51	3.38
13	1.79	1.14	0.21	1.02	1.58	0.12	4	1.58	3.50
16	1.59	1.13	0.19	1.07	1.40	0.06	2	1.40	3.33
19	1.35	0.94	0.10	0.95	1.25	—0.01	359	1.25	2.82
22	1.17	0.60	0.03	0.94	1.15	—0.34	344	1.19	2.35
Mitt.	1.39	0.81	0.11	1.02	1.28	—0.21	351	1.30	2.84

Juli 1917.

Datum	Niederschläge mm.		Ver- dunstung mm.	Embach- stand cm.	B e m e r k u n g e n
	7h—21h	21h—7h			
1	—	—	2.3	122	
2	—	—	2.5	119	
3	—	—	3.0	122	
4	—	—	1.5	123	
5	—	—	2.5	119	
6	0.0	6.2	2.1	118	● <sup>0</sup> 12 <sup>h</sup> 22 <sup>m</sup> —28 <sup>m</sup> ; ● n.
7	1.5	0.8	0.9	111	●—9 <sup>h</sup> , 15 <sup>h</sup> 25 <sup>m</sup> —16 <sup>h</sup> 25 <sup>m</sup> , 20 <sup>h</sup> 8 <sup>m</sup> —21 <sup>m</sup> , n.
8	0.0	—	2.1	104	● <sup>0</sup> 14 <sup>h</sup> 14 <sup>m</sup> —20 <sup>m</sup> .
9	—	—	2.2	99	
10	—	—	1.3	105	∩20 <sup>h</sup> 33 <sup>m</sup> .
11	0.1	—	2.1	113	● <sup>0</sup> 10 <sup>h</sup> 14 <sup>m</sup> —17 <sup>m</sup> , 16 <sup>h</sup> 16 <sup>m</sup> mit Unterbr.—18 <sup>h</sup> 45 <sup>m</sup> ;
12	—	—	2.9	113	[∩20 <sup>h</sup> 40 <sup>m</sup> —21 <sup>h</sup> .
13	—	—	3.9	112	
14	—	1.5	3.8	109	●20 <sup>h</sup> 45 <sup>m</sup> —n; ∩20 <sup>h</sup> 40 <sup>m</sup> —50 <sup>m</sup> ; ☒ n.
15	6.5	2.9	0.8	110	●—p, n.
16	0.3	—	1.2	108	●7 <sup>h</sup> 7 <sup>m</sup> —9 <sup>h</sup> .
17	4.7	—	0.9	105	☐9 <sup>h</sup> 32 <sup>m</sup> ; ●9 <sup>h</sup> 51 <sup>m</sup> —p.
18	—	—	1.7	105	
19	—	—	1.6	101	≡ n.
20	—	—	1.2	99	≡ n.
21	0.9	15.9	0.7	94	●11 <sup>h</sup> 7 <sup>m</sup> —p, n.
22	10.5	3.5	0.3	99	● a, p, n.
23	—	—	1.0	104	
24	0.0	—	1.3	96	● <sup>0</sup> 15 <sup>h</sup> .
25	0.0	0.0	0.6	92	● <sup>0</sup> 13 <sup>h</sup> 36 <sup>m</sup> , 16 <sup>h</sup> 26 <sup>m</sup> —17 <sup>h</sup> , 21 <sup>h</sup> —n.
26	—	—	0.7	92	
27	—	—	1.0	90	≡ n.
28	—	0.1	1.8	90	☐ n.
29	—	—	1.6	87	☐, ≡ n.
30	—	—	2.6	86	≡ n.
31	—	—	2.3	86	

m i t t e l.

Luftdruck	Tempe- ratur	Relative Feuchtig- keit	Bewölkung	Stunden
52.79	12.88	84	—	1
52.69	11.45	88	—	4
52.70	14.09	79	6.8	7
52.83	16.53	65	6.8	10
52.76	18.42	60	7.3	13
52.64	18.38	58	6.7	16
52.63	17.22	62	6.0	19
52.85	14.59	75	5.5	22
52.74	15.45	71	6.5	Mitt.

August 1917.

Datum	Luftdruck 700 mm. +								Temperatur							
	1h	4h	7h	10h	13h	16h	19h	22h	1h	4h	7h	10h	13h	16h	19h	22h
1	60.1	60.2	60.3	60.3	59.9	59.5	59.3	59.4	17.1	14.9	20.2	22.8	24.8	25.5	23.5	20.0
2	59.7	59.6	59.1	59.1	58.5	57.8	57.6	57.7	17.9	16.7	17.6	19.1	21.8	21.7	20.4	17.2
3	57.7	57.3	57.0	57.0	56.7	56.2	56.1	56.1	16.0	15.1	18.2	19.5	21.2	22.7	21.0	19.2
4	56.1	56.0	55.9	55.7	55.3	54.9	54.5	54.6	16.8	15.0	18.6	23.6	25.0	25.6	23.8	19.6
5	54.6	54.3	54.8	55.9	56.4	56.6	56.8	57.2	16.8	14.6	18.4	14.4	16.0	15.9	13.7	10.6
6	56.9	56.5	55.8	55.4	54.9	54.2	54.3	54.7	10.4	10.0	10.5	10.0	10.0	10.3	10.4	10.5
7	55.0	55.0	55.2	55.2	55.1	54.9	54.7	54.5	10.6	10.9	11.4	13.4	17.1	17.8	17.3	16.7
8	53.2	53.5	53.2	53.2	53.0	51.9	52.6	52.8	16.6	17.2	18.7	22.0	26.6	24.5	21.5	18.7
9	53.0	53.0	52.8	52.9	52.9	52.5	52.1	52.2	17.6	17.0	18.6	22.6	26.0	21.6	20.4	18.6
10	51.1	51.2	50.8	50.7	50.6	49.7	49.3	49.3	17.2	16.4	16.2	16.6	18.0	19.2	19.2	17.1
11	48.7	48.4	48.2	48.3	48.0	47.7	48.2	48.6	15.3	14.1	14.8	17.5	21.4	22.0	20.6	17.8
12	49.2	49.7	49.8	50.0	50.5	50.4	50.8	51.1	16.5	15.6	16.8	20.4	21.6	23.3	21.7	17.6
13	51.2	51.3	51.4	52.0	52.6	52.6	52.8	53.2	16.0	15.5	20.4	22.3	18.5	19.1	18.7	17.5
14	53.6	54.1	54.4	54.6	54.6	54.3	54.0	54.2	16.8	16.8	16.8	18.0	19.9	19.5	19.4	17.0
15	54.2	53.8	53.4	53.1	52.1	51.4	51.1	50.9	15.9	14.9	17.8	21.7	23.4	25.2	22.5	18.9
16	50.7	50.0	49.8	49.9	50.0	50.9	51.5	51.7	16.5	15.0	17.0	20.5	23.4	20.3	16.8	16.1
17	52.0	52.2	52.8	53.8	54.4	54.6	55.0	55.7	15.7	15.3	15.0	17.7	20.4	20.8	19.6	17.2
18	56.2	57.0	57.7	58.5	58.5	58.3	58.4	58.7	14.4	13.1	13.7	16.9	21.4	22.0	19.7	16.4
19	58.9	58.9	58.8	58.5	58.0	57.1	56.6	56.4	14.2	13.2	13.6	19.1	22.5	23.2	21.0	18.0
20	56.1	55.9	55.9	55.9	55.8	55.8	56.2	56.7	16.0	14.9	18.3	21.3	24.4	23.7	21.0	17.2
21	57.2	57.2	57.3	57.6	57.7	57.3	57.1	57.1	15.6	14.4	15.7	17.3	17.4	18.8	17.6	15.0
22	57.0	56.8	56.7	56.8	56.8	56.1	55.6	55.0	13.9	13.6	14.0	18.2	20.0	19.6	18.0	16.3
23	54.6	53.2	53.5	53.7	53.9	53.9	54.4	55.0	16.2	16.1	16.0	15.2	15.7	15.8	15.5	14.2
24	55.4	55.8	56.1	56.6	56.7	56.7	56.7	56.7	13.0	11.9	14.6	19.3	21.8	22.4	20.2	17.6
25	56.9	56.8	56.8	56.6	56.6	55.9	55.4	55.4	15.2	13.8	14.0	19.9	23.0	22.2	19.7	16.2
26	55.2	54.8	54.4	54.3	53.7	53.4	53.2	53.2	14.4	14.0	15.4	17.7	19.3	17.2	14.9	13.5
27	53.2	52.9	52.6	52.6	52.5	51.9	51.7	51.6	12.5	11.8	13.6	15.3	18.5	18.0	16.2	13.0
28	51.2	50.2	49.3	49.0	48.7	49.0	49.8	51.0	10.8	9.7	13.2	17.5	19.4	16.9	16.3	14.0
29	51.9	52.1	53.0	53.9	53.5	52.8	52.0	51.0	12.6	12.2	13.2	14.6	19.5	19.6	17.4	15.7
30	49.9	48.9	48.1	48.0	47.9	47.6	48.2	48.5	14.6	14.3	14.8	15.4	15.4	15.1	14.2	13.2
31	48.5	47.7	47.5	47.8	48.5	48.7	49.7	50.5	11.5	9.9	11.8	16.2	17.6	19.0	15.4	13.6

## E r g ä n z e n d e B e o b a c h -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Luftdruck . . . .	59.4	57.6	56.0	54.5	57.2	54.5	54.8	52.7	52.3	49.3	48.6	51.0	52.9	54.2
Temperatur . . .	21.0	18.1	20.2	21.4	11.6	10.4	17.0	19.8	19.2	17.6	18.8	19.0	17.8	17.6
Relative Feucht. .	67	81	70	49	73	96	94	88	94	94	89	87	98	91
Bewölkung . . . .	3	0	0	8	4	10	10	8	10	3	9	1	10	2
Temperatur {	max.	29.0	25.0	25.4	27.5	20.8	11.7	18.4	28.6	28.4	21.0	24.8	25.2	24.0
	min.	14.2	16.1	14.7	14.3	11.5	8.7	10.1	16.3	16.0	15.5	13.5	14.2	16.5



## August 1917.

Datum	Relative Feuchtigkeit %								Absolute Feuchtigkeit mm.			Completive Feucht. mm.			Feuchtes Thermometer		
	1h	4h	7h	10h	13h	16h	19h	22h	7h	13h	21h	7h	13h	21h	7h	13h	21h
1	84	89	65	45	41	39	50	71	11.4	9.6	12.4	6.2	13.6	6.1	16.0	16.4	17.0
2	87	92	91	87	71	62	69	87	13.5	13.7	12.5	1.4	5.7	3.0	16.6	18.2	16.0
3	91	96	86	71	66	57	63	73	13.4	12.3	12.2	2.2	6.4	5.4	16.7	17.0	16.6
4	89	92	80	56	53	44	46	54	12.8	12.4	9.2	3.2	11.1	9.7	16.4	18.4	14.8
5	77	87	88	87	73	64	64	74	13.9	9.9	7.5	1.8	3.6	2.7	17.0	13.2	9.2
6	77	82	76	90	98	97	96	96	7.2	8.9	9.0	2.3	0.2	0.3	8.4	9.8	10.1
7	96	96	96	97	90	86	90	94	9.7	13.1	13.6	0.4	1.4	0.8	11.1	16.1	16.4
8	98	99	98	80	62	60	78	92	15.7	16.0	15.0	0.3	9.9	2.1	18.5	21.2	18.4
9	94	95	94	67	61	77	87	96	14.9	15.2	15.5	1.0	9.8	1.0	17.9	20.5	18.5
10	100	98	95	94	93	82	89	95	13.0	14.3	14.1	0.7	1.0	0.9	15.7	17.3	17.0
11	97	97	98	92	82	70	80	92	12.2	15.4	14.4	0.3	3.5	1.8	14.6	19.2	17.6
12	93	94	94	77	85	73	76	88	13.4	16.3	14.2	0.8	2.9	2.1	16.2	19.8	17.6
13	94	94	91	72	95	90	96	99	16.2	15.1	14.8	1.6	0.7	0.3	19.4	18.0	17.6
14	99	98	97	82	78	78	87	96	13.8	13.5	13.5	0.4	3.8	1.4	16.5	17.4	16.6
15	96	95	88	69	70	60	73	90	13.3	15.0	14.9	1.8	6.3	1.8	16.5	19.6	18.2
16	91	92	85	62	59	75	93	90	12.2	12.6	12.6	2.2	8.7	1.4	15.4	18.0	15.5
17	93	96	100	86	76	79	77	89	12.7	13.6	13.2	0.0	4.2	2.0	15.0	17.6	16.5
18	96	98	99	95	67	63	69	89	11.5	12.8	12.4	0.1	6.2	2.5	13.6	17.4	15.8
19	93	98	100	68	64	56	71	80	11.6	12.9	13.0	0.0	7.3	3.7	13.6	17.9	16.9
20	95	98	88	62	57	63	58	81	13.7	13.0	10.9	1.9	9.7	5.0	17.0	18.6	15.0
21	92	94	89	83	78	62	84	96	11.8	11.5	12.5	1.4	3.3	0.8	14.6	15.0	15.2
22	97	99	97	76	67	69	84	97	11.5	11.6	13.8	0.4	5.7	0.3	13.7	16.1	16.4
23	97	98	98	97	98	97	96	98	13.2	13.0	12.4	0.3	0.3	0.3	15.8	15.5	14.8
24	97	96	94	74	63	59	66	77	11.6	12.3	11.6	0.8	7.1	4.1	14.0	17.2	15.5
25	95	96	89	67	53	57	73	93	11.0	11.0	13.5	1.4	9.9	0.8	13.5	16.7	16.3
26	100	100	98	79	73	73	91	98	12.7	12.1	11.5	0.3	4.5	0.2	15.2	16.2	13.6
27	98	97	96	81	62	66	79	96	11.1	9.9	10.5	0.5	5.9	1.2	13.2	14.2	12.8
28	100	98	96	81	94	98	96	97	10.8	12.4	12.0	0.5	4.4	0.2	12.8	16.4	14.3
29	98	99	100	96	75	83	92	94	11.3	12.6	12.6	0.0	4.2	0.9	13.2	16.6	15.3
30	93	88	96	97	100	100	98	99	12.0	13.0	11.6	0.5	0.0	0.0	14.4	15.4	13.6
31	100	99	98	80	78	74	96	97	10.1	11.7	11.4	0.2	3.3	0.4	11.6	15.2	13.5

t u n g e n u m 21 h.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mtt.
51.0	51.6	55.4	58.5	56.5	56.6	57.1	55.2	54.8	56.7	55.5	53.2	51.7	50.3	51.2	48.6	50.4	53.85
19.4	16.5	17.9	17.6	19.4	18.6	15.8	16.6	15.0	18.4	16.9	13.8	13.8	14.5	16.0	13.6	13.6	17.00
89	90	87	83	78	68	94	98	98	74	94	98	91	98	93	100	97	87
1	10	8	1	9	6	9	10	2	1	10	8	0	1	4	9	1	5.4
26.5	25.0	23.8	24.5	26.0	26.0	19.5	21.4	17.0	22.8	24.8	20.5	20.1	21.0	22.0	16.5	20.0	22.89
13.8	14.0	14.6	12.6	12.5	14.5	13.1	13.4	15.0	11.2	11.7	13.7	11.6	9.6	11.7	13.6	9.6	13.33

August 1917.

Datum	Windgeschwindigkeit m/sec.								Wind															
									1h				4h				7h							
	1h	4h	7h	10h	13h	16h	19h	22h	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
1	0.7	0.4	0.7	2.0	2.4	1.8	1.0	0.6	—	0.4	0.5	—	—	—	—	—	—	—	0.6	—	—	—	—	—
2	1.5	2.2	1.4	2.2	2.3	3.0	2.3	1.4	1.1	0.7	—	—	0.9	1.7	0.2	—	—	—	1.1	0.7	—	—	—	—
3	0.4	1.0	2.8	3.3	3.4	3.0	1.1	0.4	—	—	—	—	0.4	0.8	—	—	0.6	2.5	0.2	—	—	—	—	—
4	0.4	1.1	0.6	3.0	3.0	2.5	0.9	0.4	—	—	—	—	0.9	0.4	—	—	0.5	0.2	—	—	—	—	—	—
5	0.6	1.4	5.3	5.4	5.9	5.5	5.0	3.8	0.2	—	—	0.5	1.1	0.4	—	0.2	3.0	3.4	—	—	—	—	—	0.1
6	3.0	3.8	5.1	4.0	3.6	2.6	1.0	0.7	1.6	2.2	—	—	2.3	2.2	—	—	3.0	3.0	—	—	—	—	—	—
7	0.4	0.5	0.6	0.9	1.8	2.6	2.0	2.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.6
8	2.1	2.2	3.2	3.5	5.1	4.5	2.4	1.2	1.2	1.2	0.1	—	0.5	2.0	—	—	0.3	3.0	0.3	—	—	—	—	—
9	1.5	1.5	2.2	2.5	2.8	3.0	2.3	2.1	—	1.5	0.3	—	—	1.2	0.2	—	—	1.6	0.9	—	—	—	—	—
10	1.8	2.6	2.1	1.5	1.0	1.5	1.5	1.8	0.8	—	—	1.5	1.7	—	—	1.7	1.5	—	—	—	—	—	—	1.2
11	1.8	1.8	0.6	1.3	2.0	1.8	1.3	1.2	0.5	—	—	1.6	0.3	—	—	1.6	—	—	—	—	—	—	—	0.6
12	1.3	0.7	1.2	3.0	2.7	2.2	1.5	0.7	0.7	1.0	—	—	0.4	0.4	—	—	0.9	0.5	—	—	—	—	—	0.1
13	0.7	0.7	0.5	1.5	1.5	1.1	0.9	1.7	0.4	0.1	—	0.1	0.7	—	—	—	0.5	—	—	—	—	—	—	—
14	2.1	1.8	2.1	2.7	2.8	2.1	1.6	0.8	0.8	—	—	1.7	0.9	—	—	1.4	0.3	—	—	—	—	—	—	1.9
15	0.6	1.1	1.6	2.3	3.3	3.9	3.0	3.2	—	0.3	0.3	—	—	0.8	0.5	—	—	1.0	1.1	—	—	—	—	—
16	3.2	3.0	3.8	4.9	4.7	2.8	1.1	1.2	—	2.4	1.6	—	—	2.4	1.2	—	—	2.5	2.2	0.1	—	—	—	—
17	1.5	1.3	0.9	1.4	1.3	2.1	1.2	1.8	0.1	—	—	1.5	—	—	0.2	1.3	—	0.2	0.4	0.4	—	—	—	—
18	2.1	2.6	1.8	2.3	2.4	1.4	1.2	2.1	0.1	—	0.1	2.0	—	—	—	2.6	0.1	—	0.2	1.6	—	—	—	—
19	2.4	2.3	0.8	1.4	1.7	1.2	1.8	1.7	—	—	0.3	2.4	—	—	0.3	2.3	—	—	—	0.9	—	—	—	—
20	1.5	1.8	1.7	1.8	2.7	2.4	2.4	2.7	—	0.4	1.3	—	—	0.4	1.5	—	—	—	0.7	1.3	—	—	—	—
21	1.2	1.1	0.6	2.2	2.9	2.2	1.2	1.6	—	—	—	1.3	0.1	—	—	1.1	—	0.3	—	0.3	—	—	—	—
22	1.8	1.1	1.5	2.2	2.3	2.6	1.5	2.1	1.4	0.1	—	0.3	1.2	—	—	—	1.2	—	—	0.5	—	—	—	—
23	2.0	3.5	4.7	5.4	3.5	3.4	2.5	2.7	1.3	1.1	—	0.1	2.5	2.0	—	—	3.2	3.0	—	—	—	—	—	—
24	2.9	3.0	2.6	2.8	3.0	2.1	0.9	0.8	2.0	—	—	1.2	2.0	—	—	1.8	2.2	0.2	—	0.6	—	—	—	—
25	0.8	0.8	1.2	1.9	2.5	1.9	1.2	1.2	—	0.7	0.2	—	0.2	0.2	0.2	0.5	—	0.3	1.0	—	—	—	—	—
26	1.2	0.6	1.9	3.2	3.6	4.4	3.5	2.9	—	—	1.3	—	—	—	0.3	0.3	0.1	—	0.6	1.6	—	—	—	—
27	3.3	2.8	3.4	3.4	3.9	2.1	1.2	1.7	—	—	1.5	2.4	—	—	1.2	2.1	—	—	1.6	2.6	—	—	—	—
28	1.4	2.1	1.9	3.3	3.8	2.7	2.1	1.2	—	0.8	0.9	—	—	1.7	0.8	—	—	1.6	0.3	—	—	—	—	—
29	1.2	0.8	0.9	1.3	2.7	2.8	3.4	3.6	—	—	0.9	0.5	—	—	0.2	0.7	—	0.3	0.6	0.3	—	—	—	—
30	3.7	3.1	2.8	2.2	2.1	3.3	1.8	1.9	—	2.1	2.4	—	—	1.0	2.6	—	—	1.1	2.1	—	—	—	—	—
31	1.5	1.5	2.3	4.1	4.4	3.6	2.1	3.5	—	0.2	1.4	0.1	—	0.1	1.5	0.1	—	0.3	1.9	0.4	—	—	—	—

T a g e s -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Luftdruck	59.88	58.64	56.76	55.38	55.82	55.34	54.95	52.92	52.68	50.34	48.26	50.19	52.14	54.22	52.50
Temperatur	21.10	19.05	19.11	21.00	15.05	10.26	14.40	20.73	20.30	17.49	17.94	19.19	18.50	18.03	20.04
Relative Feuchtigkeit	60	81	75	64	77	89	93	83	84	93	88	85	91	89	80
Absolute Feuchtigkeit	11.13	13.23	12.63	11.47	10.43	8.37	12.13	15.57	15.20	13.80	14.00	14.63	15.37	13.60	14.40
Completive Feuchtigkeit	8.63	3.37	4.67	8.00	2.70	0.93	0.87	4.10	3.93	0.87	1.87	1.93	0.87	1.87	3.30

August 1917.

k o m p o n e n t e n    m/sec.																			
10h				13h				16h				19h				22h			
N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
—	0.1	1.7	0.5	—	0.6	1.9	0.3	—	0.5	1.6	0.1	—	0.3	0.9	—	—	—	0.3	—
0.2	2.0	0.4	—	0.9	2.1	0.3	—	0.7	2.6	0.2	—	0.5	2.0	0.1	—	0.2	1.3	0.1	—
0.7	2.9	0.3	—	0.7	2.9	0.3	—	0.5	2.7	0.3	—	0.1	1.0	0.2	—	—	—	—	—
1.1	2.4	0.1	—	1.3	2.2	0.2	—	1.1	2.0	0.1	—	—	0.8	0.1	—	—	—	—	—
3.2	3.6	0.1	—	3.1	3.8	—	—	3.1	3.7	—	—	2.5	2.9	—	—	1.8	2.9	0.1	—
2.6	2.4	—	—	2.3	3.1	—	—	0.5	2.4	0.2	—	0.1	1.1	—	—	0.6	0.2	—	—
0.4	0.7	—	—	0.3	1.6	0.1	—	1.0	2.1	0.1	—	1.0	1.4	—	—	1.7	0.9	—	—
0.4	3.1	0.4	—	0.3	4.3	1.4	—	0.1	3.8	1.4	—	—	2.0	0.9	—	—	1.1	0.4	—
—	1.8	1.3	—	—	0.5	1.2	1.4	0.2	—	0.3	2.7	—	—	0.1	2.3	0.2	—	0.1	2.0
1.0	—	—	0.7	0.5	0.5	0.1	0.1	1.0	—	—	0.9	0.7	—	—	0.9	1.0	—	—	1.1
0.9	0.6	—	0.1	0.7	1.5	0.2	—	0.1	1.6	0.5	—	0.5	0.1	—	1.0	0.7	0.8	—	—
1.7	1.9	—	—	0.3	2.3	0.5	—	0.1	1.9	0.6	—	—	1.6	0.2	—	0.2	0.6	—	—
—	0.3	0.4	1.1	0.5	—	0.4	1.1	—	—	0.3	0.2	0.3	—	—	0.7	0.3	—	0.1	1.4
0.3	—	0.4	2.3	0.1	—	0.5	2.4	0.1	—	0.6	1.8	—	—	0.6	1.1	—	—	0.2	0.6
—	1.2	1.6	—	—	2.3	1.7	—	—	1.4	3.2	—	—	2.3	1.3	—	—	2.3	1.6	—
—	2.8	3.3	—	—	2.7	2.9	—	—	0.2	1.1	1.8	—	0.1	0.7	0.4	0.1	—	0.6	0.9
—	0.7	1.1	—	—	0.2	0.7	0.6	0.2	—	0.4	1.8	0.4	—	0.2	0.8	—	—	0.4	1.6
0.3	—	0.2	2.2	0.2	—	0.6	1.9	0.4	0.1	0.2	1.1	0.1	—	—	1.3	0.2	—	0.2	2.0
—	0.2	1.1	0.2	—	0.5	1.3	0.2	—	0.1	0.9	0.4	—	1.2	1.1	—	—	0.4	1.6	0.1
—	0.1	1.3	0.9	0.1	—	1.0	2.1	—	—	0.7	2.0	—	—	0.8	1.3	—	—	0.5	2.5
1.4	0.1	—	1.3	2.3	1.0	—	0.3	1.1	1.7	0.1	—	0.8	0.7	—	—	1.5	—	—	0.3
1.0	1.6	0.1	—	0.8	2.0	—	—	1.2	2.0	0.2	—	0.3	1.4	—	—	1.3	1.2	—	0.1
3.7	3.3	—	0.1	2.5	2.0	—	—	2.5	1.7	—	—	2.3	0.1	—	0.6	2.1	—	—	1.2
2.2	1.1	—	0.2	1.7	1.9	0.1	—	0.9	1.5	—	—	0.3	0.8	—	—	0.2	0.7	—	—
—	0.7	1.6	—	—	0.3	2.0	0.5	—	—	2.0	—	1.0	—	—	1.0	0.9	—	—	0.5
—	—	1.2	2.7	0.1	—	1.4	2.7	—	—	1.7	3.5	—	—	1.6	2.5	—	—	1.3	2.2
—	—	2.0	2.5	—	—	1.7	2.8	—	—	0.7	1.9	—	—	0.4	0.9	—	—	1.7	0.1
—	2.4	1.5	—	—	2.7	2.1	—	—	2.1	1.1	—	—	1.7	0.8	—	—	0.5	1.0	—
—	0.9	0.8	—	—	1.3	1.8	—	—	1.1	1.5	—	—	2.4	1.6	—	—	2.1	2.0	—
—	0.5	1.9	—	—	0.4	1.7	0.2	0.3	—	1.1	2.6	—	—	1.1	1.2	—	0.3	1.6	0.4
—	0.1	2.8	2.0	—	0.1	2.9	2.4	—	0.2	2.9	1.1	—	—	1.7	0.7	—	—	2.1	2.1

m i t t e l.

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mtt.
50.56	53.81	57.91	57.90	56.04	57.31	56.35	54.02	56.34	56.30	54.02	52.37	49.77	52.52	48.39	48.61	53.94
18.20	17.71	17.20	18.10	19.60	16.48	16.70	15.59	17.60	18.00	15.80	14.86	14.73	15.60	14.62	14.38	17.33
81	87	84	79	75	85	86	97	78	78	89	84	95	92	96	90	84
12.47	13.17	12.23	12.50	12.53	11.93	12.30	12.87	11.83	11.83	12.10	10.50	11.73	12.17	12.20	11.07	12.56
4.10	2.07	2.93	3.67	5.53	1.83	2.13	0.30	4.00	4.03	1.67	2.53	1.70	1.70	0.17	1.30	2.82

August 1917.

Datum	B e w ö l k u n g											
	Menge in Zehnteln						F o r m					
	7h	10h	13h	16h	19h	22h	7h	10h	13h	16h	19h	22h
1	8	1	2	1	2	2	⊙Ci	⊙Cu	⊙Cu	⊙Cu	⊙CiCu,St	St
2	10	7	7	8	1	0	St	⊙SCu,ACu	⊙Cu,SCu	⊙Cu,CiS	⊙Ci,Cu	—
3	8	7	5	1	0	0	⊙Cu	⊙Cu	⊙FrCu	⊙Cu	—	—
4	1	3	3	5	7	4	⊙Cu	⊙Cu	⊙Cu	⊙Ci,FrCu	⊙Ci,CiS	CiCu,SCu
5	10	10	9	2	1	8	SCu	SCu	SCu	⊙Ci,FrCu	⊙AS,SCu	FrCu,AS
6	10	10	10	10	10	10	SCu	Nb	Nb	Nb	St	St
7	10	10	10	10	10	10	≡	St	St	SCu	St	St
8	10	2	3	7	8	7	St	⊙CiS,FrCu	⊙Cu	⊙CuNb	CuNb	FrSt,Ci
9	9	3	3	8	9	10	SCu	⊙SCu,CiS	⊙SCu	⊙CuNb,CiS	⊙CuNb,CiS	SCu,CuNb
10	10	10	10	10	4	0	St	St	St	SCu	⊙SCu	SCu
11	10	10	8	1	4	2	≡	SCu	CuNb	⊙Cu	CuNb,Ci	St
12	1	3	5	4	2	0	⊙St	⊙Cu	⊙ACu,Cu	⊙Cu,SCu	⊙FrSt,AS	FrCu
13	8	9	10	9	9	4	⊙ACu,St	CuNb,ACu	Nb	CuNb	CuNb,Nb	FrSt,St,Ci
14	10	9	9	2	1	1	St,FrSt	⊙Cu	SCu	⊙ACu	⊙Ci	AS
15	8	9	9	6	3	1	⊙CiS	CiS	Cu,CiS	⊙CiS,Ci,Cu	⊙CiCu,Cu	FrSt
16	2	2	5	9	10	10	⊙Ci,Cu	⊙CiS,Cu	Cu	SCu	Nb	Nb
17	10	4	7	4	3	7	≡	⊙Ci,FrSt	⊙Cu,Ci	⊙Cu,Ci	⊙Ci,CuNb	Ci,FrSt
18	10	8	1	5	1	1	≡	⊙FrSt	⊙FrCu	⊙Cu,Ci	⊙Cu	Cu
19	10	1	5	2	9	9	≡	⊙CiS	⊙Cu	⊙FrCu	SCu	SCu
20	2	1	8	9	9	1	⊙CiS	⊙CiS	⊙CuNb,Ci	⊙Ci,Cu	CiCu,St	Ci,St
21	10	10	10	8	8	9	SCu	AS	SCu	ACu	SCu	CiS,SCu
22	10	9	10	10	10	10	SCu	⊙CiS,Cu	AS,SCu	SCu	SCu	Nb
23	10	10	10	10	9	1	Nb	Nb	Nb	Nb	SCu	St
24	0	1	1	1	1	1	⊙—	⊙FrCu	⊙FrCu	⊙FrCu	⊙FrCu	AS
25	8	7	8	9	10	10	⊙CiS,Ci-Cu	⊙Ci,CiS,CiCu	⊙Ci,Cu	Cu,Ci	SCu	Nb
26	9	5	7	9	9	10	SCu,ACu	⊙Cu,FrCu	⊙SCu,Cu	Nb	Nb	SCu
27	1	8	4	9	3	0	⊙ACu	⊙Cu,FrSt	⊙Cu	⊙CuNb,SCu	ACu	—
28	10	9	10	8	7	0	SCu	Ci,ACu	SCu	SCu,ACu	⊙Ci,St	St,Ci
29	10	10	9	10	10	9	≡	St	⊙CiS,Cu	AS,Cu	St,AS	Ci
30	10	10	10	10	1	6	SCu	St	Nb	Nb	ACu	SCu
31	1	6	9	8	8	1	⊙CiS	⊙Cu	⊙Cu	⊙Cu,CiS	SCu,ACu	ACu

S t u n d e n -

Stunden	W i n d k o m p o n e n t e n						Richtung $\varphi^0$	Resultante R	Geschw.- mittel J
	N	E	S	W	N-S	E-W			
1	0.39	0.49	0.42	0.55	-0.03	-0.06	246	0.07	1.63
4	0.52	0.57	0.35	0.57	0.17	0.00	360	0.17	1.75
7	0.56	0.84	0.50	0.49	0.06	0.35	80	0.36	2.03
10	0.68	1.21	0.83	0.54	-0.15	0.67	102	0.68	2.67
13	0.60	1.38	0.94	0.61	-0.33	0.77	113	0.84	2.94
16	0.49	1.14	0.77	0.71	-0.29	0.44	123	0.52	2.65
19	0.35	0.77	0.46	0.54	-0.11	0.23	116	0.26	1.84
22	0.40	0.51	0.52	0.62	-0.12	-0.11	223	0.16	1.77
Mitt.	0.50	0.86	0.60	0.58	-0.10	0.29	109	0.30	2.16

## August 1917.

Datum	Niederschläge mm.		Ver- dunstung mm.	Embach- stand cm.	B e m e r k u n g e n
	7h—21h	21h—7h			
1	—	—	3.2	86	
2	—	0.1	1.7	85	∞a; $\Omega^2$ n.
3	—	—	1.9	85	∧17 <sup>b</sup> ; $\equiv$ n.
4	—	0.3	2.2	85	∩21 <sup>b</sup> ; ●n.
5	—	—	2.2	89	
6	4.9	0.3	0.4	92	●8 <sup>b</sup> 42 <sup>m</sup> —16 <sup>b</sup> 40 <sup>m</sup> , n.
7	—	14.0	0.3	94	$\equiv$ a; <21 <sup>b</sup> 35 <sup>m</sup> ; $\nabla$ , ●n.
8	0.1	—	1.6	91	T16 <sup>b</sup> 42 <sup>m</sup> , 18 <sup>b</sup> 54 <sup>m</sup> —19 <sup>b</sup> ; ●19 <sup>b</sup> 5 <sup>m</sup> —8 <sup>m</sup> .
9	—	—	1.1	87	T15 <sup>b</sup> 33 <sup>m</sup> , 18 <sup>b</sup> 55 <sup>m</sup> , 20 <sup>b</sup> 41 <sup>m</sup> ; <20 <sup>b</sup> 56 <sup>m</sup> .
10	0.0	—	0.2	85	●08 <sup>b</sup> 44 <sup>m</sup> —9 <sup>b</sup> 20 <sup>m</sup> ; $\equiv$ n.
11	0.7	0.1	0.8	83	$\equiv$ a, n; ●12 <sup>b</sup> 36 <sup>m</sup> —50 <sup>m</sup> ; T18 <sup>b</sup> 55 <sup>m</sup> .
12	—	0.1	1.0	81	$\equiv^2$ n.
13	5.3	0.3	0.5	80	<11 <sup>b</sup> 7 <sup>m</sup> , 28 <sup>m</sup> ; T11 <sup>b</sup> 5 <sup>m</sup> —12 <sup>b</sup> , 13 <sup>b</sup> 25 <sup>m</sup> —36 <sup>m</sup> ,
14	—	0.1	1.0	80	∩n. [15 <sup>b</sup> 49 <sup>m</sup> ; $\nabla$ 12 <sup>b</sup> 2 <sup>m</sup> —57 <sup>m</sup> , 13 <sup>b</sup> 9 <sup>m</sup> , 17 <sup>b</sup> 11 <sup>m</sup> —
15	—	—	1.7	82	∩n. [40 <sup>m</sup> ; ●12 <sup>b</sup> 2 <sup>m</sup> —13 <sup>b</sup> 50 <sup>m</sup> , p, n; ∧19 <sup>b</sup> 18 <sup>m</sup> .
16	5.3	7.0	1.4	82	●015 <sup>b</sup> 9 <sup>m</sup> —11 <sup>m</sup> ; ●16 <sup>b</sup> 3 <sup>m</sup> —n; $\equiv$ n.
17	—	0.1	1.0	81	$\equiv$ —8 <sup>b</sup> , n.
18	—	0.1	1.4	80	$\equiv$ —8 <sup>b</sup> 42 <sup>m</sup> , n.
19	—	—	1.2	80	$\equiv$ —8 <sup>b</sup> 45 <sup>m</sup> .
20	0.0	—	2.2	79	T13 <sup>b</sup> 9 <sup>m</sup> ; ●13 <sup>b</sup> 33 <sup>m</sup> —45 <sup>m</sup> .
21	1.0	—	0.8	79	●a; $\Delta$ 23 <sup>b</sup> —24 <sup>b</sup> .
22	1.9	13.5	1.0	77	●20 <sup>b</sup> 6 <sup>m</sup> —n; T4 <sup>b</sup> 52 <sup>m</sup> ; $\nabla$ n.
23	31.0	0.1	0.2	82	$\nabla$ 7 <sup>b</sup> 1 <sup>m</sup> —7 <sup>m</sup> ; ●a, p—17 <sup>b</sup> ; $\Omega^2$ n.
24	—	—	1.6	90	
25	0.1	2.3	1.3	90	●20 <sup>b</sup> 45 <sup>m</sup> —n.
26	0.3	0.3	1.0	91	●12 <sup>b</sup> 30 <sup>m</sup> , p, n; T13 <sup>b</sup> 20 <sup>m</sup> .
27	—	—	1.3	91	∩n.
28	2.2	0.2	0.6	90	●13 <sup>b</sup> 47 <sup>m</sup> —16 <sup>b</sup> ; ∩n; $\equiv^2$ n.
29	—	0.3	0.8	95	$\equiv$ —8 <sup>b</sup> ; ●n.
30	5.3	0.5	0.2	97	●12 <sup>b</sup> 55 <sup>m</sup> —p, n; T, $\nabla$ 12 <sup>b</sup> 55 <sup>m</sup> —13 <sup>b</sup> 15 <sup>m</sup> ; $\equiv$ , $\Omega^2$ n.
31	1.6	0.1	1.4	98	●17 <sup>b</sup> 30 <sup>m</sup> —18 <sup>b</sup> 40 <sup>m</sup> ; $\Omega^2$ n.

m i t t e l.

Luft- druck	Tempe- ratur	Relative Feuchtig- keit	Bewölkung	Stunden
54.17	14.99	94	—	1
54.01	14.13	95	—	4
53.95	15.77	92	7.6	7
54.09	18.26	79	6.6	10
54.01	20.35	74	7.0	13
53.70	20.27	71	6.6	16
53.73	18.63	80	5.8	19
53.89	16.26	89	4.6	22
53.94	17.33	84	6.4	Mitt.

## September 1917.

Datum	Luftdruck 700 mm. +								Temperatur							
	1h	4h	7h	10h	13h	16h	19h	22h	1h	4h	7h	10h	13h	16h	19h	22h
1	50.9	51.5	52.3	53.3	53.1	53.0	53.2	53.4	12.2	11.6	12.4	13.7	17.0	17.5	14.9	13.5
2	53.2	52.9	52.8	52.5	51.9	51.5	51.1	50.8	11.7	10.3	11.6	17.2	18.8	18.4	16.1	14.3
3	50.6	50.5	50.4	50.2	49.9	49.3	48.9	48.2	12.5	11.7	12.7	14.5	16.6	16.9	14.8	13.9
4	47.5	46.2	45.5	44.9	44.8	44.7	44.7	44.5	13.2	12.8	13.6	15.5	18.6	14.7	14.3	12.4
5	44.2	44.6	45.4	46.4	47.9	49.4	51.0	52.4	12.3	13.2	13.9	13.6	13.6	13.3	13.4	12.1
6	54.0	55.2	56.0	56.8	57.6	58.1	58.6	59.0	9.3	6.6	7.8	11.2	12.6	12.2	10.2	7.4
7	59.6	59.8	60.8	61.3	61.8	62.3	62.9	63.4	5.0	3.7	4.4	9.0	11.9	12.1	9.5	7.6
8	63.5	63.6	63.7	63.6	62.9	61.8	61.0	60.8	5.7	3.5	4.8	10.2	13.0	14.2	10.8	7.6
9	59.8	59.0	57.8	56.5	55.3	52.8	50.9	49.3	6.0	5.3	7.0	12.1	17.0	17.4	14.7	15.8
10	48.8	47.6	46.7	46.3	45.9	47.0	48.9	50.0	13.9	13.4	13.5	15.4	14.0	13.9	8.9	8.2
11	49.6	49.1	49.4	50.8	51.1	51.5	52.4	53.2	8.6	7.6	10.0	11.9	13.6	13.4	9.7	7.5
12	53.2	53.4	53.7	53.8	53.4	52.8	51.9	51.3	6.7	6.5	9.0	10.8	15.1	15.7	13.6	11.9
13	50.4	48.6	46.6	44.6	43.3	40.6	39.3	38.8	10.0	8.7	8.9	10.8	11.0	11.3	10.7	10.4
14	39.4	40.5	42.3	43.6	44.1	44.0	43.8	43.3	9.1	8.7	9.4	12.1	14.2	13.9	10.8	9.5
15	42.1	41.3	40.9	40.6	40.1	40.5	41.3	42.3	8.3	9.5	10.4	10.7	13.7	11.9	10.0	8.5
16	43.3	44.6	45.6	46.4	47.0	46.6	46.9	46.8	8.5	8.2	7.9	10.2	10.0	11.6	9.8	8.1
17	46.6	45.9	45.6	46.0	47.2	48.3	49.3	49.6	8.1	7.6	8.8	10.1	13.4	13.4	10.8	9.4
18	49.3	48.4	47.0	46.6	46.5	47.0	47.3	47.8	8.2	6.5	9.1	12.0	15.8	14.8	12.4	10.7
19	48.4	49.1	50.3	50.8	50.9	49.7	47.8	44.8	10.3	9.7	10.4	13.5	14.8	13.7	12.1	11.8
20	45.2	45.9	47.3	48.3	49.1	50.2	51.4	52.5	12.3	11.6	11.2	13.1	15.8	14.3	10.8	8.3
21	52.9	53.0	52.8	51.7	49.0	44.5	39.8	40.0	7.2	6.9	8.6	9.9	10.6	10.8	11.6	10.8
22	39.9	39.4	39.0	39.1	40.8	43.6	46.0	48.1	10.2	9.6	9.0	10.8	9.7	9.9	8.8	6.9
23	48.6	48.5	47.2	44.1	41.0	40.5	40.4	39.9	5.5	7.3	9.1	10.5	13.4	10.6	9.3	9.2
24	40.4	41.3	42.6	44.9	46.7	48.9	51.5	54.0	8.9	8.0	9.6	10.5	10.4	9.6	8.2	7.7
25	55.6	56.6	56.9	56.8	55.6	53.8	51.6	50.5	6.8	5.3	5.6	8.0	11.0	11.6	12.0	12.7
26	50.1	50.3	51.7	53.4	54.6	55.0	54.6	54.3	13.2	13.8	13.8	14.5	16.4	15.2	13.6	14.0
27	54.1	53.2	52.2	50.7	49.7	51.2	53.3	54.2	13.8	13.4	12.6	15.8	19.7	16.5	13.0	11.3
28	54.0	53.0	52.6	53.0	53.8	53.6	53.3	51.8	10.2	9.8	10.8	11.3	12.6	13.4	12.8	12.6
29	50.1	48.4	47.4	48.3	48.9	48.3	47.9	47.0	12.5	12.4	12.3	13.4	14.0	13.6	10.0	7.3
30	48.2	49.9	51.3	52.4	52.7	53.2	53.9	55.0	6.7	4.4	3.1	6.3	8.0	6.2	3.1	1.4

## Ergänzende Beobach -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Luftdruck . . .	53.4	51.2	48.3	44.6	51.9	58.8	63.1	60.9	49.5	49.6	53.0	51.7	39.0	43.7	41.7	
Temperatur . . .	14.2	14.6	14.0	12.8	12.4	7.8	8.0	8.0	15.8	8.2	8.0	12.2	10.6	9.6	8.7	
Relat. Feuchtigkeit	92	92	99	96	76	82	85	87	86	87	82	93	97	94	95	
Bewölkung . . .	9	9	10	10	10	8	1	1	9	0	0	10	10	10	1	
Temperatur {	max.	20.6	21.1	18.2	20.0	14.6	13.4	13.1	16.3	19.1	17.3	15.0	15.7	12.5	16.2	15.5
	min.	11.0	9.4	11.0	12.8	12.3	5.2	2.5	2.2	4.8	6.8	7.4	6.2	8.0	8.2	8.3

## September 1917.

Datum	Relative Feuchtigkeit %								Absolute Feuchtigkeit mm.			Completive Feucht. mm.			Feuchtes Thermometer		
	1h	4h	7h	10h	13h	16h	19h	22h	7h	13h	21h	7h	13h	21h	7h	13h	21h
1	94	95	97	91	75	66	86	94	10.4	10.8	11.0	0.4	3.6	1.0	12.1	14.3	13.4
2	95	96	93	71	64	69	81	92	9.5	10.4	11.3	0.7	5.7	1.0	11.0	14.7	13.8
3	97	98	99	95	81	77	96	99	10.8	11.4	11.8	0.1	2.7	0.1	12.6	14.6	13.9
4	99	99	99	86	68	94	92	96	11.4	10.9	10.5	0.1	5.0	0.5	13.5	15.0	12.4
5	97	97	97	98	99	95	80	76	11.4	11.4	8.2	0.4	0.1	2.6	13.6	13.5	10.2
6	73	84	86	60	54	53	65	84	6.8	5.9	6.5	1.1	5.0	1.4	6.7	8.2	6.4
7	92	92	91	64	58	58	73	87	5.7	6.0	6.8	0.6	4.3	1.2	3.8	8.0	6.8
8	96	96	93	64	59	51	65	88	6.0	6.5	7.0	0.5	4.6	1.0	4.3	9.0	7.0
9	91	89	87	75	67	68	86	85	6.5	9.6	11.5	1.0	4.8	1.8	6.0	13.4	14.4
10	98	97	99	86	85	64	87	90	11.4	10.0	7.1	0.1	1.8	1.0	13.4	12.5	7.2
11	85	90	76	65	65	62	77	86	7.0	7.6	6.6	2.2	4.0	1.4	8.0	10.2	6.6
12	96	98	97	100	85	83	91	95	8.3	10.8	9.9	0.2	1.9	0.7	8.8	13.6	11.6
13	96	98	95	88	98	97	98	97	8.1	9.5	9.3	0.4	0.2	0.2	8.5	10.8	10.4
14	90	85	83	69	66	61	86	95	7.3	7.9	8.4	1.5	4.1	0.5	8.0	10.8	9.1
15	96	95	95	85	71	73	93	95	8.9	8.2	8.0	0.4	3.4	0.4	10.0	10.8	8.3
16	94	90	92	71	87	75	76	92	7.3	8.0	7.4	0.6	1.2	0.8	7.3	8.9	7.6
17	94	96	98	100	83	68	86	84	8.2	9.5	8.2	0.2	1.9	0.6	8.6	11.8	8.9
18	95	97	99	99	82	80	85	94	8.5	11.0	9.1	0.1	2.4	0.9	9.0	14.0	10.6
19	97	97	97	81	73	78	94	98	9.2	9.2	9.7	0.2	3.4	0.5	10.2	12.1	11.2
20	95	95	96	86	71	65	81	93	9.6	9.5	7.8	0.4	3.8	0.6	10.9	12.8	8.2
21	95	96	97	91	92	95	95	91	8.1	8.7	8.9	0.2	0.8	0.8	8.4	9.9	10.2
22	90	93	96	88	96	80	89	96	8.2	8.6	7.3	0.3	0.3	0.4	8.7	9.4	7.1
23	97	97	96	94	89	92	94	94	8.3	10.2	8.1	0.3	1.2	0.4	8.8	12.4	8.6
24	94	92	90	71	69	67	73	81	8.0	6.5	6.4	0.9	2.9	1.4	8.8	7.7	6.3
25	86	88	93	93	87	83	83	90	6.4	8.5	9.5	0.4	1.2	1.2	5.2	9.9	11.4
26	92	93	94	92	83	88	99	93	11.0	11.4	11.0	0.8	2.4	1.0	13.2	14.6	13.4
27	91	94	93	73	55	70	84	93	10.1	9.4	9.2	0.7	7.6	1.0	12.0	14.3	10.8
28	98	100	93	91	89	85	86	81	9.0	9.7	9.2	0.7	1.2	1.9	10.2	11.6	11.4
29	81	81	82	70	65	57	78	86	8.8	7.7	6.2	1.9	4.2	1.6	10.7	10.5	6.0
30	89	93	97	74	58	66	83	91	5.5	4.6	4.8	0.2	3.4	0.5	2.9	4.6	1.4

t u n g e n u m 21 h.

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mtt.
46.9	49.5	47.6	45.8	52.4	40.1	47.5	40.1	53.2	50.6	54.4	54.2	52.5	47.1	54.7	49.90
8.4	9.5	11.4	11.6	8.8	10.9	7.5	9.0	7.7	12.4	14.2	11.7	13.0	7.6	2.0	10.35
90	93	91	95	93	92	95	95	82	89	92	90	83	80	90	90
0	0	2	10	8	10	0	9	10	10	1	0	10	10	6	6.1
14.5	15.9	16.6	16.6	17.0	12.0	13.0	15.0	12.5	12.6	18.2	21.6	14.7	14.0	9.5	15.74
6.7	7.2	6.5	9.4	8.5	6.5	7.3	5.5	7.5	3.4	12.3	11.5	9.6	6.0	1.4	7.51

September 1917.

Datum	Windgeschwindigkeit m/sec.								W i n d											
									1h				4h				7h			
	1h	4h	7h	10h	13h	16h	19h	22h	N	E	S	W	N	E	S	W	N	E	S	W
1	3.3	3.0	2.1	2.6	2.7	1.7	1.8	1.5	—	—	1.6	2.2	—	—	1.7	2.1	—	0.1	1.6	0.8
2	1.9	1.8	1.5	1.5	1.7	2.0	1.5	1.4	—	0.6	1.6	—	—	0.5	1.6	—	—	0.5	1.3	—
3	1.6	1.2	1.3	0.9	0.8	1.0	1.3	1.8	—	0.7	1.3	—	—	0.2	1.0	0.2	0.5	—	—	0.9
4	2.1	2.9	3.3	3.9	4.9	3.9	3.6	4.3	0.7	—	—	2.0	1.3	—	—	2.3	1.7	—	—	2.3
5	4.7	4.1	3.9	4.5	4.7	4.2	4.7	4.0	2.2	—	—	3.4	2.3	—	—	2.5	1.9	—	0.1	2.7
6	4.1	4.5	5.2	6.6	6.9	5.4	3.8	3.4	1.6	—	0.1	3.2	0.8	—	0.1	4.2	1.6	—	0.1	4.3
7	2.7	2.9	3.5	4.4	3.9	3.1	1.0	1.0	0.4	—	—	2.8	—	—	1.6	2.3	0.9	—	0.1	2.9
8	1.4	1.6	0.8	0.7	1.2	1.2	2.2	3.1	0.1	—	—	1.5	0.2	—	—	1.6	—	—	—	0.9
9	3.2	3.3	3.6	3.6	4.1	3.4	2.8	3.9	—	0.7	2.9	—	—	0.8	3.0	—	—	0.9	2.9	—
10	3.8	4.2	4.5	6.2	6.3	5.1	3.9	4.5	—	—	1.7	2.7	—	—	2.5	2.8	—	—	2.5	2.9
11	4.8	4.2	5.9	6.7	7.1	6.3	4.2	3.8	0.1	—	1.4	4.4	—	—	1.5	3.6	0.6	—	0.6	5.4
12	3.1	3.0	3.4	3.4	3.5	2.4	1.6	2.2	—	—	1.1	2.7	—	—	1.6	2.0	—	—	1.9	2.2
13	2.3	2.5	2.5	3.5	2.7	2.1	3.0	4.8	—	0.7	1.9	—	—	1.0	2.0	—	—	1.8	1.3	—
14	6.4	6.8	6.4	5.8	4.7	3.6	2.4	2.7	0.4	—	1.0	5.8	0.4	—	1.1	6.1	0.4	—	1.0	5.7
15	3.3	2.4	2.0	2.2	2.6	2.1	1.2	2.1	—	0.5	3.0	0.2	—	0.2	2.2	0.4	—	0.3	1.9	—
16	3.0	2.4	2.7	3.7	2.5	2.4	2.4	3.0	1.8	—	—	2.2	0.6	—	—	2.1	0.6	—	—	2.4
17	2.5	2.2	2.1	3.3	4.1	2.7	2.7	2.8	—	—	1.6	1.5	—	—	1.7	1.1	—	—	1.4	1.1
18	1.7	1.8	2.8	4.3	5.8	5.1	4.6	4.5	—	0.1	1.6	0.2	—	0.2	1.7	0.1	—	0.3	2.6	0.4
19	4.2	3.5	3.7	4.2	4.3	3.0	2.1	2.4	—	—	1.9	3.1	—	—	1.7	2.6	—	—	1.9	1.5
20	5.1	4.6	4.2	5.4	6.4	6.0	3.5	2.7	0.2	—	0.7	4.6	0.2	—	0.8	4.2	0.2	0.1	0.5	3.9
21	3.1	3.0	2.7	3.1	3.8	4.1	4.4	5.4	—	—	1.6	2.3	—	—	1.6	2.0	—	—	2.0	1.2
22	6.0	5.2	5.1	6.2	5.4	4.9	3.6	3.4	—	—	2.8	4.4	—	—	2.9	3.6	—	—	2.5	3.5
23	3.0	2.9	2.8	4.0	6.5	6.8	5.2	4.5	—	—	1.1	2.5	—	—	1.6	2.1	—	—	2.1	1.3
24	4.5	4.8	5.2	5.8	6.0	5.2	3.9	2.7	—	—	1.0	3.9	0.1	—	1.0	4.2	1.0	—	0.2	2.7
25	2.2	2.4	2.6	2.8	4.1	5.1	5.9	6.4	0.3	—	0.1	2.3	—	—	0.4	2.4	—	—	1.3	2.0
26	6.4	5.7	4.9	4.7	4.9	4.2	3.1	5.1	0.1	—	2.2	5.3	0.1	—	1.5	5.0	0.1	—	1.2	4.3
27	4.2	3.9	3.6	4.5	7.8	8.0	5.3	4.2	—	—	2.6	2.3	—	—	2.8	2.2	—	—	2.8	1.8
28	4.7	5.7	6.2	5.7	6.0	6.1	5.2	6.4	—	—	2.7	3.0	—	—	3.2	4.0	—	—	3.0	4.4
29	6.8	6.7	6.2	5.7	4.9	3.3	2.3	1.3	—	—	3.5	5.0	—	—	3.4	5.0	0.2	—	2.0	5.3
30	3.0	3.5	4.2	6.0	6.0	5.1	4.2	3.4	1.1	—	0.1	2.5	0.2	—	0.3	3.4	0.3	—	0.4	3.8

T a g e s -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Luftdruck	52.59	52.09	49.75	45.35	47.66	56.91	61.49	62.61	55.18	47.65	50.89	52.94	44.02	42.62	41.14
Temperatur	14.10	14.80	14.20	14.39	13.18	9.66	7.90	8.72	11.91	12.65	10.29	11.16	10.22	10.96	10.38
Relative Feuchtigkeit	87	83	93	92	92	70	77	76	81	88	76	93	96	79	88
Absolute Feuchtigkeit	10.73	10.40	11.33	10.93	10.33	6.40	6.17	6.50	9.20	9.50	7.07	9.67	8.97	7.87	8.37
Completive Feuchtigkeit	1.67	2.47	0.97	1.87	1.03	2.50	2.03	2.03	2.53	0.97	2.53	0.93	0.27	2.03	1.40



September 1917.

k o m p o n e n t e n m/sec.																			
10h				13h				16h				19h				22h			
N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
—	—	1.7	1.2	—	0.1	1.8	1.6	—	0.1	1.2	0.6	—	0.1	1.4	0.7	—	0.2	1.5	—
—	0.2	1.4	0.2	—	0.2	1.5	0.3	—	0.3	1.4	0.6	—	0.9	0.9	—	—	0.6	1.0	—
0.3	0.5	0.2	—	—	0.5	0.2	0.3	0.1	—	—	1.0	1.0	0.3	—	0.4	0.5	—	1.6	0.30
1.5	—	—	3.0	1.7	0.1	0.1	3.9	2.2	0.2	—	2.4	0.8	—	—	3.2	0.8	—	0.2	3.9
2.3	—	—	3.0	2.7	—	—	2.9	2.1	—	—	2.3	2.6	—	—	2.9	2.2	—	—	2.7
3.3	—	—	4.4	3.2	0.1	—	4.6	0.9	—	—	3.2	0.1	—	0.2	3.3	—	—	0.2	2.8
2.5	—	—	2.7	2.1	0.1	—	2.4	2.4	0.1	0.1	1.0	0.9	0.1	—	0.3	0.4	—	—	0.8
—	—	0.2	0.5	—	0.1	0.7	0.6	—	0.4	1.1	0.3	—	0.6	2.0	0.1	—	0.7	2.8	—
—	0.7	3.2	0.1	—	0.5	3.5	0.5	—	0.3	3.2	0.4	—	0.6	2.5	—	—	0.1	2.4	2.3
0.1	—	2.3	4.9	0.7	—	0.8	5.6	1.2	—	0.2	4.6	0.8	—	0.4	3.3	—	—	1.4	3.9
1.3	—	0.4	0.2	1.1	—	0.5	6.4	0.9	—	0.5	5.8	0.4	—	0.3	4.0	—	—	0.6	3.6
—	0.1	1.8	2.3	—	—	2.0	2.2	—	—	1.4	1.5	—	—	1.6	0.2	—	0.3	2.1	0.1
—	2.3	1.9	—	—	1.6	1.5	—	—	1.2	1.3	—	—	0.2	1.8	1.5	0.2	—	0.8	4.3
0.2	—	1.3	5.0	—	—	2.1	3.3	—	—	1.8	2.5	—	—	1.8	1.0	—	0.5	2.5	0.1
—	0.4	2.0	0.2	—	0.9	2.0	0.3	0.6	1.6	0.3	—	0.4	0.8	0.2	—	1.3	—	—	1.3
0.9	—	0.2	3.2	0.8	—	0.3	1.8	—	—	0.8	2.0	—	—	0.5	2.3	—	—	1.6	2.1
0.1	—	1.5	2.6	0.8	—	0.2	3.5	0.4	—	0.1	2.6	—	—	1.0	2.3	—	—	1.5	2.0
—	0.1	2.9	2.4	0.1	—	2.7	4.1	0.1	—	1.6	4.4	—	—	1.9	3.6	—	—	2.3	3.4
0.1	—	1.7	1.8	—	—	2.0	3.3	—	—	1.7	2.1	—	0.5	1.9	—	—	0.1	1.8	1.1
0.2	—	1.3	5.0	0.2	—	1.6	5.5	0.4	—	1.1	5.4	—	—	0.5	3.3	—	—	0.8	2.3
—	0.4	2.8	0.6	—	2.0	2.5	—	—	2.2	2.5	—	0.1	0.8	1.4	2.4	0.1	—	2.0	4.3
0.2	—	1.5	5.5	1.8	—	0.2	4.4	2.0	—	—	3.8	0.5	—	0.2	3.3	—	—	0.5	3.3
—	—	3.4	1.4	0.1	—	3.2	4.4	0.2	0.1	2.0	5.8	0.2	—	2.0	4.2	0.1	—	1.7	3.6
1.8	—	0.2	5.1	2.5	—	0.1	4.6	2.9	—	—	3.4	1.5	—	—	3.0	1.0	—	—	2.9
—	—	1.8	1.8	—	—	2.7	2.4	—	—	3.2	3.3	—	—	3.5	3.9	0.1	—	2.7	5.0
0.2	—	0.8	4.3	0.1	—	1.3	4.3	—	—	1.6	3.5	—	—	2.2	1.7	—	—	2.9	3.4
—	—	3.7	1.7	—	—	3.8	5.4	0.2	—	2.3	6.8	0.1	—	1.9	4.5	—	—	2.4	3.0
0.1	—	2.3	4.7	—	—	2.6	4.6	—	—	2.8	4.7	—	—	2.7	3.8	—	—	3.2	4.7
0.4	—	0.9	5.1	0.3	—	0.8	4.5	0.1	—	0.7	3.0	0.4	—	0.4	2.0	0.1	—	0.1	1.3
1.0	—	0.4	5.1	1.3	—	0.2	5.2	0.7	—	0.1	4.7	0.3	—	0.2	3.9	0.2	—	0.3	3.2

m i t t e l.

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mtt.
45.90	47.31	47.49	48.98	48.74	47.96	41.99	43.78	46.29	54.68	53.00	52.32	53.14	48.29	52.08	49.83
9.29	10.20	11.19	12.04	12.18	9.55	9.36	9.36	9.11	9.12	14.31	14.51	11.69	11.94	4.90	11.11
85.	89	91	89	85	94	91	94	80	88	92	82	90	75	81	86
7.57	8.63	9.53	9.37	8.97	8.57	8.03	8.87	6.97	8.13	11.13	9.90	9.30	7.57	4.97	8.69
0.87	0.90	1.13	1.37	1.60	0.60	0.33	0.63	1.63	0.93	1.40	3.10	1.27	2.57	1.27	1.49

September 1917.

Datum	B e w ö l k u n g												
	Menge in Zehnteln						F o r m						
	7h	10h	13h	16h	19h	22h	7h	10h	13h	16h	19h	21h	22h
1	9	10	3	9	10	8	St	St	⊙ AS, CiS, [SCu]	Cu	Nb	ACu	ACu
2	1	4	7	9	1	10	⊙ ACu	⊙ Cu	⊙ Cu	⊙ ACu, Cu [Nb]	CuNb	Nb	Nb
3	10	10	10	10	10	10	Nb	SCu	St	St	Nb	St	St
4	10	9	9	10	8	10	St	⊙ CiCu, St	St	Nb, CiS	SCu	Nb	Nb
5	10	10	10	10	10	9	St	Nb	Nb	Nb	SCu	St	SCu
6	0	1	1	1	2	8	⊙ —	⊙ Cu	⊙ FrCu	⊙ FrCu	Cu	ACu	ACu
7	1	1	1	1	1	0	⊙ ACu	⊙ ACu	⊙ ACu	⊙ FrCu	⊙ SCu	St	—
8	1	2	-1	0	8	0	⊙ SCu, CiS	Cu, Ci	⊙ FrCu	⊙ —	ACu	ACu	—
9	8	5	6	8	7	10	⊙ CiS, Ci	⊙ Ci, CiCu	⊙ CiS, Cu	CiS	SCu, Ci	Nb	SCu
10	10	9	10	2	1	0	Nb	FrSt, Cu	CuNb	⊙ Cu	St	—	—
11	2	4	6	1	0	0	ACu	⊙ Cu	⊙ Cu	⊙ FrCu	—	—	—
12	10	10	10	10	10	10	St	St	SCu	SCu	SCu	St	St
13	10	10	10	10	10	10	St	St	Nb	St	St	Nb	Nb
14	8	6	8	9	10	10	⊙ ACu	⊙ Cu	⊙ Cu, CuNb	SCu	Nb	Nb	St
15	10	10	9	10	10	0	St	SCu	SCu	SCu	SCu	St	—
16	7	2	5	7	1	1	ACu	Cu, CiS	ACu	CuNb	Cu	—	St
17	10	10	8	9	1	1	St	St	Cu	⊙ CiS, Cu	CiS	—	St
18	10	10	9	9	1	1	Nb	St	St	St	St	St	St
19	1	9	8	10	10	10	⊙ CiS	⊙ Cu, CiS	CiS, Cu	St	Nb	St	Nb
20	10	8	9	7	7	8	FrSt	CiCu, FrCu	Cu, CiS	Ci, FrCu	FrCu	FrCu	FrSt
21	10	10	10	10	10	10	FrSt	St	Nb	Nb	Nb	Nb	Nb
22	8	9	10	10	1	0	⊙ SCu	SCu	Nb	SCu	Cu	—	—
23	10	10	9	4	10	7	St	Nb	⊙ St	CuNb	Nb	St, AS	St, AS
24	9	7	5	9	10	10	⊙ FrSt	Cu	⊙ Cu	SCu	SCu	St	St
25	9	10	10	10	10	10	St	AS, St	St	St	St	St	St
26	10	9	10	10	5	1	St	St	St	St	SCu, Ci	Ci, FrCu	Ci
27	1	1	8	4	0	0	⊙ CiCu	⊙ CiS	⊙ St, FrCu	⊙ Cu, FrCu	—	—	—
28	10	10	10	9	10	10	St	St	SCu	SCu	St	St	St
29	10	10	10	6	10	10	St	SCu	Ci, Cu	⊙ CiS, Cu	Nb	AS	AS
30	6	2	8	8	2	1	SCu	⊙ Cu	⊙ Ci, CuNb	⊙ CiS, CuNb	St	ACu	ACu

S t u n d e n -

Stunden	W i n d k o m p o n e n t e n						Richtung	Resultante	Geschw.-mittel
	N	E	S	W	N-S	E-W	φ°	R	J
1	0.30	0.11	1.37	2.53	-1.07	-2.42	246	2.65	3.64
4	0.21	0.10	1.48	2.47	-1.28	-2.37	242	2.69	3.56
7	0.33	0.13	1.31	2.35	-0.97	-2.22	246	2.42	3.63
10	0.55	0.16	1.39	2.60	-0.84	-2.44	251	2.58	4.20
13	0.65	0.21	1.36	3.10	-0.71	-2.89	256	2.98	4.54
16	0.58	0.22	1.10	2.72	-0.52	-2.51	258	2.56	3.98
19	0.34	0.16	1.11	2.17	-0.78	-2.01	249	2.15	3.25
22	0.23	0.08	1.31	2.43	-1.08	-2.35	245	2.59	3.42
Mitt.	0.40	0.15	1.30	2.25	-0.91	-2.40	249	2.57	3.78

## September 1917.

Datum	Niederschläge mm.		Ver- dunstung mm.	Embach- stand cm.	B e m e r k u n g e n
	7h—21h	21h—7h			
1	0.2	0.1	0.0	90	● 18 <sup>h</sup> —20 <sup>h</sup> ; ☐ <sup>2</sup> n.
2	1.0	1.2	0.9	88	● 20 <sup>h</sup> 27 <sup>m</sup> —n.
3	5.0	—	0.2	88	● a, 17 <sup>h</sup> —20 <sup>h</sup> .
4	5.3	7.4	0.6	90	● 014 <sup>h</sup> 28 <sup>m</sup> —47 <sup>m</sup> , 15 <sup>h</sup> —16 <sup>h</sup> , 20 <sup>h</sup> 55 <sup>m</sup> ; ● n;
5	2.7	—	0.7	86	● 08 <sup>h</sup> 15 <sup>m</sup> ; ● p—17 <sup>h</sup> . [● 214 <sup>h</sup> 47 <sup>m</sup> —15 <sup>h</sup> .
6	—	—	1.6	82	
7	—	—	0.6	78	
8	—	—	0.8	79	☐ n.
9	—	0.8	2.0	77	● n; < 21 <sup>h</sup> 10 <sup>m</sup> —40 <sup>m</sup> .
10	1.8	0.1	1.0	75	● a, p; < 18 <sup>h</sup> 30 <sup>m</sup> —40 <sup>m</sup> ; ☐ <sup>2</sup> n.
11	—	0.1	1.1	70	☐ <sup>2</sup> n.
12	—	—	0.7	70	≡ 7 <sup>h</sup> 30 <sup>m</sup> —9 <sup>h</sup> 30 <sup>m</sup> .
13	3.7	0.0	0.4	73	● 12 <sup>h</sup> —p; ● 0n.
14	2.8	0.1	1.4	70	● 13 <sup>h</sup> 9 <sup>m</sup> —18 <sup>m</sup> , 16 <sup>h</sup> 30 <sup>m</sup> —53 <sup>m</sup> , 18 <sup>h</sup> 19 <sup>m</sup> —24 <sup>m</sup> ,
15	0.3	—	0.7	72	▲, ● p; ☐ n. [40 <sup>m</sup> ; ● 0n.
16	0.8	0.1	0.8	72	● 12 <sup>h</sup> 7 <sup>m</sup> —28 <sup>m</sup> , mit Unterbr.—15 <sup>h</sup> 30 <sup>m</sup> ; ☐ <sup>2</sup> n.
17	2.9	1.2	0.9	73	● 7 <sup>h</sup> 9 <sup>m</sup> —9 <sup>h</sup> , n.
18	0.5	—	1.0	73	● a—9 <sup>h</sup> 30 <sup>m</sup> ; ☐ n.
19	1.6	1.3	0.7	73	● 18 <sup>h</sup> 18 <sup>m</sup> —21 <sup>h</sup> , n.
20	—	—	1.3	73	≡ n.
21	5.5	5.0	0.0	71	≡ a; ● p, n.
22	2.5	0.1	0.6	72	● 12 <sup>h</sup> 40 <sup>m</sup> —14 <sup>h</sup> ; ☐ <sup>2</sup> n.
23	11.0	0.2	0.5	75	● 8 <sup>h</sup> 30 <sup>m</sup> —11 <sup>h</sup> 30 <sup>m</sup> , 14 <sup>h</sup> 54 <sup>m</sup> —15 <sup>h</sup> 35 <sup>m</sup> ,
24	—	—	1.5	77	18 <sup>h</sup> 5 <sup>m</sup> —19 <sup>h</sup> 10 <sup>m</sup> , n.
25	0.0	—	1.5	77	● 015 <sup>h</sup> —15 <sup>h</sup> 30 <sup>m</sup> .
26	—	—	1.3	75	
27	—	—	1.9	72	☐ n.
28	—	—	1.9	72	
29	0.0	—	1.4	75	● 19 <sup>h</sup> —19 <sup>h</sup> 10 <sup>m</sup> .
30	0.1	—	0.7	75	● a; ●, Δ 16 <sup>h</sup> 35 <sup>m</sup> —45 <sup>m</sup> ; ☐ n; □ n.
31					

## m i t t e l.

Luftdruck	Tempe- ratur	Relative Feuchtig- keit	Bewölkung	Stunden
49.78	9.56	93	—	1
49.71	8.92	94	—	4
49.79	9.71	93	7.4	7
49.92	11.95	82	7.3	10
49.89	13.88	76	7.7	13
49.79	13.40	74	7.4	16
49.83	11.36	85	6.2	19
49.90	10.09	91	5.8	22
49.83	11.11	86	7.0 <sub>9</sub>	Mitt.

Oktober 1917.

Datum	Luftdruck 700 mm. +								Temperatur							
	1h	4h	7h	10h	13h	16h	19h	22h	1h	4h	7h	10h	13h	16h	19h	22h
1	55.6	56.4	57.8	59.2	59.6	59.9	60.5	60.8	0.6	-0.6	-1.1	3.8	6.9	6.4	4.2	3.5
2	60.4	59.1	58.4	57.9	57.1	56.0	54.8	54.4	2.9	4.2	5.6	7.2	9.2	9.8	11.0	11.5
3	53.8	53.7	53.6	53.4	51.7	49.5	48.8	48.0	11.2	10.8	10.5	11.8	15.8	15.8	13.6	13.0
4	45.6	44.3	42.4	40.5	38.8	37.9	37.2	36.8	12.9	12.3	11.4	11.7	11.5	11.3	11.4	11.9
5	36.6	34.9	31.8	34.9	37.6	40.4	42.6	44.6	11.0	10.2	9.8	7.7	11.4	10.8	8.8	7.5
6	45.6	45.9	45.8	45.7	46.0	46.0	46.0	46.4	6.0	5.0	5.8	7.6	9.6	10.5	8.9	7.7
7	46.9	47.2	47.8	48.3	48.5	48.7	48.9	48.8	6.6	5.9	5.6	7.4	9.3	9.6	5.8	4.0
8	48.4	47.7	47.4	47.2	46.7	46.4	46.2	46.1	2.6	1.6	0.8	4.8	9.5	9.1	6.3	3.9
9	45.9	45.3	44.8	44.5	43.0	42.8	42.9	43.1	2.2	0.7	-0.4	3.9	8.3	6.6	6.0	6.0
10	42.6	42.4	42.9	43.5	43.9	44.1	44.4	44.4	4.3	5.3	5.8	6.8	8.0	7.9	7.1	7.1
11	44.4	44.6	45.2	45.6	45.2	45.7	46.8	48.0	6.8	6.8	6.6	7.0	7.0	6.3	5.7	4.6
12	48.3	46.1	44.3	41.2	39.3	41.7	45.6	46.8	3.2	4.3	6.5	7.6	8.6	7.8	6.8	5.6
13	47.1	47.3	47.3	47.3	46.9	45.8	46.0	45.9	6.5	6.2	5.0	7.4	9.8	10.4	10.5	10.6
14	46.0	46.3	47.8	49.8	51.1	51.3	52.1	52.8	9.8	9.2	9.8	10.3	14.0	12.9	11.5	10.4
15	54.2	54.4	54.6	53.9	53.0	53.1	54.4	56.0	10.5	9.9	9.4	11.4	12.4	12.9	11.8	10.7
16	57.8	57.6	57.8	58.2	58.8	59.7	60.6	61.4	9.8	8.6	7.8	6.8	10.0	8.9	6.3	5.2
17	62.2	63.1	64.2	65.3	65.9	66.2	66.3	66.3	4.5	4.6	4.2	5.1	10.2	7.9	4.7	3.1
18	66.4	66.0	65.5	65.2	64.4	62.6	61.4	60.4	2.1	3.3	3.6	4.4	6.0	6.2	4.7	4.8
19	59.3	58.7	58.3	58.5	58.6	58.8	59.3	60.1	5.1	5.3	5.4	6.4	8.0	7.8	7.8	7.8
20	60.6	61.1	62.1	63.7	64.6	65.3	66.2	66.8	7.9	8.2	8.5	9.4	10.9	10.8	10.0	9.0
21	67.5	67.8	68.4	68.6	68.3	68.3	68.2	67.5	8.6	8.0	6.4	7.7	10.6	9.7	8.9	8.5
22	66.6	65.4	64.1	62.8	61.2	60.3	59.9	58.9	7.9	7.7	7.6	8.8	10.0	7.9	5.0	3.0
23	58.7	57.5	57.2	56.8	55.9	55.3	54.5	54.0	2.7	2.4	3.6	3.7	3.8	3.5	3.0	3.3
24	53.6	52.4	51.5	51.5	50.8	50.7	50.7	50.6	3.6	3.9	1.8	3.1	7.6	6.8	6.3	6.2
25	50.2	49.9	49.6	48.8	47.4	46.8	45.9	45.2	6.2	6.1	6.2	6.9	7.8	7.6	7.2	7.2
26	44.0	42.9	42.5	42.4	42.7	43.8	44.2	44.9	7.2	7.0	6.8	7.6	7.6	5.8	4.4	2.9
27	45.3	45.3	45.4	45.5	45.7	45.9	46.6	47.8	3.1	2.9	3.0	4.1	5.0	5.2	4.0	3.2
28	48.9	50.6	52.1	54.2	54.9	52.6	51.2	50.5	3.2	3.1	3.0	3.6	6.2	5.3	5.7	6.0
29	51.0	52.4	53.5	54.6	54.4	54.1	54.3	55.1	6.6	7.0	7.2	8.1	8.8	8.6	7.2	7.6
30	56.8	57.5	59.5	62.3	64.8	66.2	67.2	67.7	8.1	8.2	8.4	6.9	8.0	7.6	5.8	5.0
31	67.8	67.6	67.4	67.7	67.5	66.9	66.4	66.2	4.7	4.9	2.4	2.8	7.6	5.9	3.3	1.9

## E r g ä n z e n d e B e o b a c h -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Luftdruck . . . . .	60.8	54.5	48.0	37.0	43.8	46.4	48.9	46.1	43.1	44.4	48.5	46.5	46.0	52.4
Temperatur . . .	3.8	11.6	13.2	11.8	7.5	7.8	4.2	4.3	6.2	7.2	5.0	5.8	10.6	10.6
Relative Feucht. .	71	89	81	88	88	97	85	91	96	97	97	96	79	83
Bewölkung . . . .	0	10	3	8	0	10	0	0	10	10	0	0	0	0
Temperatur	max.	9.1	12.5	17.4	14.0	12.7	11.0	10.2	11.3	9.2	8.5	8.0	11.0	15.7
	min.	-2.0	2.0	10.2	11.2	6.7	4.5	3.1	-0.2	-1.1	4.2	4.5	2.9	9.1

## Oktober 1917.

Datum	Relative Feuchtigkeit %								Absolute Feuchtigkeit mm.			Completive Feucht. mm.			Feuchtes Thermometer		
	1h	4h	7h	10h	13h	16h	19h	22h	7h	13h	21h	7h	13h	21h	7h	13h	21h
1	90	91	92	80	57	53	64	73	3.9	4.2	4.3	0.3	3.2	1.7	-1.6	3.6	1.9
2	77	80	89	91	90	94	92	87	6.0	7.8	9.0	0.8	0.8	1.2	4.8	8.4	10.6
3	88	90	89	82	64	64	77	83	8.4	8.5	9.1	1.0	4.8	2.1	9.6	12.0	11.4
4	84	83	82	82	97	93	92	86	8.2	9.8	9.1	1.8	0.3	1.2	9.8	11.2	10.8
5	82	90	100	100	76	67	85	88	9.0	7.6	6.8	0.0	2.5	0.9	9.8	9.2	6.6
6	94	95	97	100	96	84	93	97	6.7	8.6	7.7	0.2	0.3	0.2	5.6	9.3	7.6
7	96	97	97	90	68	62	80	85	6.6	5.9	5.2	0.2	2.8	0.9	5.4	6.6	3.2
8	90	92	93	83	62	60	80	92	4.5	5.5	5.6	0.3	3.3	0.6	0.4	6.3	3.7
9	95	96	97	86	71	87	97	96	4.3	5.8	6.8	0.1	2.3	0.3	-0.8	6.0	5.9
10	96	97	97	87	79	87	93	99	6.7	6.4	7.4	0.2	1.6	0.2	5.5	6.4	7.0
11	100	100	97	95	92	95	96	97	7.1	6.9	6.3	0.2	0.6	0.2	6.4	6.4	4.8
12	97	98	99	99	99	90	92	96	7.1	8.2	6.6	0.1	0.1	0.3	6.4	8.5	5.5
13	94	94	97	88	70	74	77	80	6.3	6.3	7.5	0.2	2.8	2.0	4.8	7.2	8.8
14	84	85	84	84	74	78	85	83	7.5	8.7	7.8	1.5	3.2	1.7	8.4	11.4	9.0
15	83	89	94	82	89	91	89	93	8.2	9.5	9.0	0.5	1.2	0.7	8.9	11.4	10.2
16	95	95	96	97	81	81	96	97	7.6	7.4	6.5	0.3	1.7	0.2	7.5	8.4	5.2
17	97	98	97	99	66	80	93	94	6.0	6.1	5.5	0.2	3.2	0.4	4.0	7.2	3.0
18	97	95	92	88	81	80	91	93	5.4	5.6	5.9	0.4	1.3	0.5	3.1	4.6	4.1
19	93	94	96	96	92	92	92	93	6.4	7.4	7.4	0.3	0.6	0.5	5.1	7.4	7.4
20	93	92	90	92	91	89	92	95	7.4	8.8	8.2	0.8	0.9	0.4	8.0	10.1	8.8
21	94	95	94	95	91	93	96	97	6.8	8.6	8.0	0.4	0.9	0.3	6.0	9.8	8.3
22	98	97	96	92	90	89	92	91	7.5	8.3	5.3	0.3	0.9	0.4	7.3	9.2	2.8
23	92	92	91	88	85	88	89	89	5.4	5.1	5.1	0.5	0.9	0.7	3.0	2.8	2.5
24	90	91	97	91	74	78	85	94	5.0	5.8	6.5	0.2	2.0	0.6	1.6	5.6	5.6
25	95	96	97	96	94	95	95	96	6.9	7.5	7.4	0.2	0.4	0.2	6.0	7.4	7.0
26	96	97	97	95	86	90	99	97	7.2	6.7	5.6	0.2	1.1	0.2	6.6	6.5	3.0
27	94	93	90	87	88	84	85	85	5.1	5.8	4.9	0.5	0.8	0.8	2.4	4.2	2.3
28	85	87	87	83	78	87	89	89	5.0	5.5	6.3	0.7	1.5	0.7	2.2	4.6	5.3
29	86	85	89	92	95	89	91	88	6.8	8.0	6.8	0.8	0.4	0.7	6.4	8.4	6.4
30	87	87	86	75	70	77	84	94	7.1	5.6	5.8	1.1	2.4	0.8	7.3	5.6	4.3
31	95	95	95	86	65	72	85	85	5.2	5.0	4.6	0.3	2.8	0.8	2.1	4.8	1.3

t u n g e n u m 21 h.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mtt.
55.6	61.3	66.2	60.9	59.7	66.6	67.6	59.3	54.1	50.6	45.3	44.7	47.6	50.5	55.1	67.7	66.2	53.08
10.8	5.4	3.4	4.6	7.9	9.2	8.6	3.3	3.3	6.2	7.2	3.2	3.2	6.0	7.1	5.1	2.2	6.65
93	97	94	93	93	95	96	92	88	92	97	97	86	90	90	89	85	90
10	3	0	0	10	10	10	10	10	10	10	0	0	10	10	10	0	5.3
15.3	13.5	11.0	7.1	8.0	10.9	10.7	10.0	3.8	7.6	8.0	7.7	7.5	11.0	9.0	9.5	8.5	10.35
9.0	4.8	2.9	1.9	4.0	7.8	5.5	3.2	2.0	1.4	5.8	3.2	2.4	3.0	6.1	5.0	1.8	4.17

Oktober 1917.

Datum	Windgeschwindigkeit m/sec.								Wind															
									1h				4h				7h							
	1h	4h	7h	10h	13h	16h	19h	22h	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
1	2.7	2.4	2.5	2.9	3.0	2.1	1.5	2.0	0.3	—	0.1	2.7	0.1	—	—	2.4	—	—	—	—	—	—	—	2.5
2	2.2	2.4	3.6	3.9	4.0	4.0	4.2	5.4	—	—	1.9	0.8	—	—	2.0	0.6	—	—	—	—	—	—	2.6	2.0
3	6.0	5.2	5.3	4.3	4.6	3.6	4.0	4.2	—	—	2.0	4.4	—	—	1.8	4.3	—	—	—	—	—	—	2.0	4.2
4	4.5	4.0	4.2	4.2	4.8	5.2	6.0	6.6	—	—	3.1	2.4	—	—	2.9	1.8	—	—	—	—	—	—	3.2	1.7
5	6.4	4.2	3.9	5.5	7.2	6.1	4.3	3.6	—	—	3.8	4.3	—	—	3.3	1.7	0.3	—	—	—	—	—	2.4	2.2
6	2.3	2.2	2.2	2.4	2.7	2.5	2.4	2.7	—	0.1	1.9	0.7	—	—	2.1	0.2	—	—	—	—	—	—	1.9	0.4
7	3.0	3.3	3.6	3.8	3.6	2.2	2.0	2.0	—	—	1.6	2.1	—	—	1.8	2.2	—	—	—	—	—	—	1.9	2.4
8	2.1	2.4	2.1	1.3	2.1	0.9	1.0	2.1	—	—	2.0	0.2	—	—	2.3	0.3	—	—	—	—	—	—	1.9	0.3
9	2.0	2.1	2.3	3.6	4.8	3.6	3.0	3.1	—	0.5	1.8	—	—	1.5	0.9	—	—	—	—	—	—	1.9	0.7	—
10	3.7	3.4	4.2	4.4	4.2	4.3	3.6	3.4	—	3.0	1.2	—	—	2.7	1.4	—	—	—	—	—	—	3.3	1.6	—
11	2.1	2.0	1.9	2.8	2.1	1.3	1.7	1.6	—	0.8	1.7	0.3	—	0.1	1.8	0.4	—	—	—	—	—	0.2	1.8	0.1
12	1.5	2.1	2.6	3.3	2.9	6.4	4.5	2.7	—	0.6	1.2	—	—	1.8	0.7	—	1.4	—	—	—	—	1.8	0.1	—
13	2.1	2.3	2.6	3.8	4.4	4.9	6.4	6.1	—	—	2.2	—	—	0.1	2.2	—	—	—	—	—	—	0.5	2.3	—
14	5.5	3.8	3.0	3.0	3.5	3.1	3.0	3.3	—	0.5	4.9	0.5	—	0.3	3.6	0.3	—	—	—	—	—	0.1	2.7	0.7
15	2.7	2.6	2.3	3.7	4.1	2.6	3.6	2.5	—	—	2.4	0.6	—	0.5	2.3	—	—	—	—	—	—	1.4	1.3	—
16	2.6	1.8	1.8	2.3	3.1	2.4	2.5	2.0	0.6	—	0.1	2.3	0.2	—	—	1.8	0.1	—	—	—	—	—	—	1.8
17	2.6	1.9	1.2	1.6	2.4	2.5	2.4	2.6	—	—	0.3	2.5	—	—	0.3	1.9	—	—	—	—	—	—	0.2	1.2
18	3.0	2.5	2.7	3.5	3.5	4.2	4.2	5.0	—	0.4	2.7	0.4	—	0.1	2.3	0.5	—	—	—	—	—	0.3	2.5	0.2
19	4.4	3.8	2.9	2.5	3.2	3.3	2.3	2.1	—	3.2	2.1	—	—	2.7	2.1	—	—	—	—	—	—	1.8	1.9	—
20	2.0	1.8	1.5	1.9	2.1	1.2	1.0	1.1	—	—	1.6	0.8	—	—	1.4	0.7	—	—	—	—	—	—	1.0	0.9
21	1.0	1.3	1.7	2.2	2.9	2.0	1.5	2.0	—	—	1.0	0.3	—	—	1.0	0.7	—	—	—	—	—	—	1.4	0.7
22	1.6	2.4	2.7	3.7	4.2	4.6	4.5	4.1	—	—	1.0	1.0	—	—	1.8	1.1	—	—	—	—	—	—	2.5	0.5
23	4.0	4.3	4.1	4.1	4.5	4.4	4.5	4.0	—	0.1	3.4	1.3	—	0.1	3.5	1.4	—	—	—	—	—	0.1	3.4	1.3
24	3.3	3.2	2.9	3.9	5.0	4.0	4.6	4.8	—	0.1	3.0	0.7	—	1.0	2.6	—	—	—	—	—	—	1.9	1.7	—
25	4.4	4.1	3.4	3.3	3.1	2.7	3.6	4.0	—	0.8	4.0	—	—	0.7	3.8	—	—	—	—	—	—	1.1	2.8	—
26	4.1	4.1	3.4	3.9	3.1	3.1	3.2	3.9	—	2.1	2.9	—	—	2.2	3.0	—	—	—	—	—	—	1.4	2.7	—
27	3.6	3.5	3.9	4.3	4.2	3.6	4.8	5.0	—	—	2.9	1.4	—	—	2.8	1.4	—	—	—	—	—	—	3.3	1.3
28	4.7	4.5	3.6	3.2	2.5	3.6	3.4	3.7	—	0.1	3.5	2.0	—	—	3.2	2.2	—	—	—	—	—	0.1	3.1	1.0
29	3.3	2.8	2.1	1.9	3.5	3.9	4.2	5.1	—	0.2	3.2	0.2	—	0.1	2.7	0.1	—	—	—	—	—	0.5	1.8	—
30	4.5	5.1	4.9	4.7	5.1	2.2	1.3	1.8	—	0.3	4.3	0.4	—	0.3	4.8	0.5	—	—	—	—	—	0.1	3.7	2.4
31	2.1	3.1	3.3	4.2	4.5	4.1	4.2	3.0	—	1.9	0.4	—	—	2.0	1.7	—	—	—	—	—	—	2.3	1.6	—

T a g e s -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Luftdruck	58.72	57.26	51.56	40.44	37.92	45.92	48.14	47.01	44.04	43.52	45.19	44.16	46.70	49.65	54.20
Temperatur	2.96	7.68	12.81	11.80	9.65	7.64	6.78	4.82	4.16	6.54	6.35	6.30	8.30	10.99	11.12
Relative Feuchtigkeit	75	88	80	87	86	94	84	82	91	92	96	96	84	82	89
Absolute Feuchtigkeit	4.13	7.60	8.67	9.03	7.80	7.67	5.90	5.20	5.63	6.83	6.77	7.30	6.70	8.00	8.90
Completive Feuchtigkeit	1.73	0.93	2.63	1.10	1.13	0.23	0.97	1.40	0.90	0.67	0.33	0.17	1.67	2.13	0.80

Oktober 1917.

komponenten m/sec.																			
10h				13h				16h				19h				22h			
N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
1.6	—	—	1.8	0.5	—	0.4	2.7	0.5	—	—	2.1	—	—	0.5	1.2	—	—	1.5	0.9
—	—	2.9	2.7	—	—	2.5	3.1	—	—	—	2.6	2.4	—	—	2.8	2.8	—	2.0	4.5
—	—	2.6	2.8	—	—	3.1	2.6	—	—	—	2.9	1.8	—	—	2.9	1.8	—	2.9	2.2
—	—	3.4	1.3	—	—	3.7	2.1	—	—	—	3.6	3.2	—	—	3.9	3.4	—	4.1	4.4
0.2	—	1.2	4.7	0.1	—	2.6	5.8	0.1	—	—	2.3	5.1	—	—	1.8	3.3	—	1.9	2.1
—	—	1.9	0.8	—	—	1.5	1.8	—	—	—	1.5	1.7	—	—	1.1	1.8	—	1.3	2.0
—	—	2.1	2.6	—	—	1.8	2.6	—	—	—	1.5	1.3	—	—	1.9	0.3	—	2.0	0.1
—	—	1.0	0.5	—	—	1.1	1.5	—	—	—	0.4	0.6	—	—	0.1	1.0	—	0.4	1.8
—	2.7	1.5	—	—	3.8	1.7	—	—	—	2.5	1.9	—	—	—	2.3	1.4	—	2.5	1.0
—	3.6	1.7	—	—	3.7	0.9	—	—	—	3.9	0.8	—	—	—	3.1	0.8	—	2.7	1.3
—	0.7	2.4	—	—	0.7	1.7	—	—	—	—	0.5	1.0	—	—	1.3	0.7	—	0.1	1.5
1.8	1.5	0.1	—	0.3	1.4	1.4	0.6	—	—	—	3.0	4.7	—	—	2.5	3.3	—	0.1	2.4
—	0.4	3.5	—	—	1.2	3.8	—	—	—	1.4	4.2	—	—	1.1	5.7	0.2	—	0.6	5.6
—	—	2.4	1.1	—	0.2	3.0	0.8	—	—	0.9	2.6	—	—	0.6	2.6	0.1	—	0.1	3.0
—	2.6	1.5	—	—	1.1	3.4	0.3	—	—	0.1	2.3	0.6	—	—	1.3	3.1	—	1.1	1.8
—	—	—	2.3	0.4	—	0.1	2.9	0.2	—	—	0.1	2.3	—	—	0.2	2.6	—	0.4	1.8
—	—	0.7	1.3	—	—	1.2	1.8	—	—	—	1.9	1.3	—	—	0.2	2.1	0.2	—	0.4
—	0.9	2.9	0.1	0.1	1.4	2.6	0.1	—	—	3.2	1.9	—	—	—	3.1	1.8	—	3.7	2.1
—	1.2	1.9	0.1	—	0.7	2.9	—	—	—	0.3	3.1	0.1	—	—	2.3	—	—	2.1	0.1
—	—	0.8	1.5	—	—	0.7	1.8	—	—	—	0.4	1.1	—	—	—	0.9	0.5	—	0.7
—	—	1.4	1.4	—	—	1.3	2.1	—	—	—	0.8	1.5	—	—	0.6	1.2	—	—	0.8
—	0.1	3.1	1.1	—	0.1	3.7	1.1	—	—	0.2	4.0	1.2	—	—	3.5	2.1	—	0.1	3.3
—	0.1	3.4	1.2	—	0.2	4.1	0.8	—	—	0.2	4.1	0.4	—	—	0.3	4.3	0.3	—	0.2
—	2.0	2.7	—	—	1.7	3.9	—	—	—	1.5	3.1	—	—	—	1.3	3.9	—	0.8	4.4
—	1.1	2.5	—	—	1.0	2.6	—	—	—	0.9	2.2	—	—	—	2.0	2.3	—	1.9	2.9
—	0.7	3.5	0.2	—	—	2.7	0.8	—	—	—	2.4	1.3	—	—	2.5	1.4	—	—	3.0
—	—	3.7	1.3	—	—	3.6	1.3	—	—	—	3.0	1.2	—	—	—	3.9	1.9	—	3.9
—	0.1	3.1	0.1	—	1.5	1.4	—	—	—	3.3	0.7	—	—	—	2.1	2.0	—	0.7	3.3
—	0.9	1.4	—	—	2.7	1.4	—	—	—	2.5	2.1	—	—	—	1.0	3.8	—	0.3	4.9
—	—	3.4	2.4	—	—	2.9	3.2	—	—	—	1.0	1.6	—	—	0.1	1.3	—	0.8	1.4
—	2.5	2.5	—	—	2.6	2.7	—	—	—	3.0	1.8	—	—	—	2.7	1.9	—	—	1.9

m i t t e l.

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mtt.
58.99	64.94	63.99	58.95	63.80	68.08	62.40	56.24	51.48	47.98	43.42	45.94	51.88	53.68	62.75	67.19	52.79
7.92	5.54	4.39	6.70	9.34	8.55	7.24	3.25	4.91	6.90	6.16	3.81	4.51	7.64	7.25	4.19	6.97
92	90	90	94	92	94	93	89	88	96	95	88	86	89	82	85	89
7.07	5.87	5.63	7.07	8.13	7.80	7.03	5.20	5.77	7.27	6.50	5.27	5.60	7.20	6.17	4.93	6.73
0.73	1.60	0.73	0.47	0.70	0.53	0.53	0.70	0.93	0.27	0.50	0.70	0.97	0.63	1.43	1.30	0.95

Oktober 1917.

Datum	B e w ö l k u n g												
	Menge in Zehnteln						F o r m						
	7h	10h	13h	16h	19h	22h	7h	10h	13h	16h	19h	21h	22h
1	0	0	3	1	7	0	☉—	☉—	☉Cu	☉Cu	ACu	—	—
2	10	10	10	10	10	10	St	St	St	St	Nb	FrSt	FrSt
3	10	10	0	0	0	10	FrSt	Ci	☉—	☉—	☉—	CuNb	Ci
4	1	10	10	10	10	10	☉ACu	St	Nb	Nb	Nb	FrNb	CiS
5	10	10	9	3	0	0	Nb	CuNb	CuNb	☉FrCu	☉—	—	—
6	10	10	10	10	5	10	Nb	Nb	SCu	CuNb	St	Nb	Nb
7	10	1	5	2	0	0	CiS	☉Ci	☉FrCu	☉St	—	—	—
8	0	0	2	1	0	0	☉—	☉—	☉FrCu	☉SCu	—	—	—
9	0	0	6	10	10	10	☉—	☉—	☉CuNb	Nb	Nb	Nb	Nb
10	10	10	10	10	10	10	Nb	Nb	Nb	Nb	Nb	Nb	Nb
11	10	10	10	10	10	0	Nb	Nb	Nb	Nb	Nb	—	—
12	10	10	10	10	10	0	Nb	Nb	Nb	FrNb	St	—	—
13	2	10	10	10	10	0	☉Ci	AS	St	St	FrSt	—	—
14	10	5	2	10	0	0	St	☉AS	☉Ci	St	☉—	—	—
15	10	9	10	10	10	10	St	St	St	St	Nb	Nb	Nb
16	10	8	10	0	0	0	St	St	CuNb	☉—	—	St	—
17	10	0	2	0	0	0	St	☉—	☉Cu	☉—	—	—	—
18	10	10	10	0	0	0	AS	St	St	☉—	—	—	—
19	10	10	10	10	10	10	Nb	Nb	Nb	Nb	Nb	Nb	Nb
20	10	10	10	10	10	10	Nb	Nb	Nb	Nb	Nb	St	St
21	2	10	10	10	10	10	☉St	St	St	St	St	St	St
22	10	10	10	10	10	10	St	St	Nb	Nb	St	St	St
23	10	10	10	10	10	10	St	St	St	St	St	St	St
24	0	10	10	10	10	10	☉—	St	St	St	St	St	St
25	10	10	10	10	10	10	Nb	Nb	Nb	Nb	Nb	St	St
26	10	10	10	10	10	0	Nb	Nb	St	St	St	—	—
27	1	10	10	10	0	0	☉St	Nb	Nb	Nb	—	—	—
28	2	10	10	10	10	10	☉St	St	St	Nb	Nb	Nb	St
29	10	10	10	8	10	10	St	St	Nb	St	St	St	St
30	10	10	7	8	10	10	CuNb	CiS	☉St,Cu	St	St	Nb	St
31	5	4	0	0	0	0	☉St	☉St	☉—	☉—	—	—	—

S t u n d e n -

Stunden	Windkomponenten						Richtung	Resultante	Geschw.-mittel
	N	E	S	W	N-S	E-W	$\varphi^0$	R	J
1	0.03	0.47	2.20	1.04	-2.17	-0.57	195	2.25	3.22
4	0.01	0.52	2.13	0.85	-2.12	-0.33	189	2.15	3.05
7	0.06	0.61	1.94	0.90	-1.88	-0.29	189	1.90	2.98
10	0.12	0.68	2.10	1.01	-1.98	-0.33	189	2.01	3.36
13	0.05	0.77	2.27	1.28	-2.22	-0.51	193	2.28	3.71
16	0.03	0.77	2.02	1.18	-2.00	-0.41	192	2.04	3.38
19	—	0.72	2.15	1.04	-2.15	-0.32	188	2.17	3.34
22	—	0.56	2.40	0.98	-2.40	-0.42	190	2.44	3.40
Mitt.	0.04	0.64	2.15	1.04	-2.11	-0.40	191	2.15	3.30



## Oktober 1917.

Datum	Niederschläge mm.		Ver- dunstung mm.	Embach- stand cm.	B e m e r k u n g e n
	7h—21h	21h—7h			
1	—	—	0.2	73	
2	—	—	2.0	71	△a.
3	—	—	0.9	75	
4	3.8	5.6	1.6	77	● 11 <sup>h</sup> 5 <sup>m</sup> mit Unterbr.—n.
5	4.3	0.2	1.3	79	● —7 <sup>h</sup> 55 <sup>m</sup> , n.
6	1.3	0.4	1.1	76	● —7 <sup>h</sup> 20 <sup>m</sup> , n.
7	—	—	1.3	79	
8	—	—	1.1	80	□a.
9	2.2	—	1.5	82	□a; ● 18 <sup>h</sup> 15 <sup>m</sup> —19 <sup>h</sup> .
10	—	0.8	0.9	82	● n.
11	2.1	5.4	0.5	84	● a, 13 <sup>h</sup> —15 <sup>h</sup> 15 <sup>m</sup> , n.
12	3.5	—	0.9	88	● —12 <sup>h</sup> 15 <sup>m</sup> , 13 <sup>h</sup> .
13	—	—	1.4	95	
14	—	—	0.6	95	
15	—	—	0.5	93	
16	—	0.4	0.4	102	≡a; ● n.
17	—	—	0.5	105	≡, △a, 19 <sup>h</sup> .
18	—	5.5	0.5	106	● n.
19	0.8	0.2	0.2	107	● mit Unterbr.—n.
20	0.0	—	0.2	105	● <sup>0</sup> a, p.
21	—	—	0.6	103	
22	0.2	—	0.6	100	● <sup>0</sup> a; ● 16 <sup>h</sup> —16 <sup>h</sup> 20 <sup>m</sup> .
23	—	—	0.7	103	
24	—	1.8	0.6	105	● n.
25	3.4	0.6	0.1	105	● a, p, n.
26	—	—	0.7	105	
27	1.0	—	0.8	105	● a, p.
28	6.2	—	0.9	107	● 15 <sup>h</sup> 10 <sup>m</sup> —21 <sup>h</sup> .
29	0.0	1.2	0.3	107	● <sup>0</sup> a; ● n.
30	9.0	9.5	0.1	105	● a, p, n.
31	—	—	0.4	105	

m i t t e l.

Luft- druck	Tempe- ratur	Relative Feuchtig- keit	Bewölkung	Stunden
52.84	6.08	92	—	1
52.63	5.90	92	—	4
52.61	5.71	93	7.2	7
52.87	6.83	90	8.0	10
52.72	9.01	81	7.9	13
52.67	8.50	82	7.2	16
52.91	7.22	89	6.5	19
53.11	6.54	91	5.5	22
52.79	6.97	89	7.0	Mitt.

November 1917.

Datum	Luftdruck 700 mm. +								Temperatur							
	1h	4h	7h	10h	13h	16h	19h	22h	1h	4h	7h	10h	13h	16h	19h	22h
1	65.5	65.1	64.0	63.5	63.2	63.2	63.5	63.5	0.3	-0.4	0.1	1.7	3.4	3.6	3.8	4.0
2	63.6	63.4	63.4	63.7	64.0	63.9	63.3	62.5	4.0	4.2	4.4	5.4	6.4	6.6	6.3	6.4
3	61.4	60.5	60.3	60.5	60.2	60.1	60.2	61.0	5.9	5.6	5.3	6.0	7.0	6.4	5.7	4.8
4	61.5	62.3	63.3	64.6	65.5	65.8	66.2	66.4	4.0	2.4	2.4	3.0	3.8	4.5	3.4	1.9
5	66.3	66.3	66.1	65.8	65.5	64.6	64.2	63.7	1.6	2.0	2.1	1.2	2.1	1.9	2.0	1.3
6	63.1	62.8	62.0	62.4	61.6	61.3	60.8	59.8	2.2	2.5	2.3	1.3	2.1	2.2	2.3	2.2
7	59.1	58.6	58.1	57.5	56.4	56.2	55.8	55.4	2.8	2.6	2.4	2.8	3.8	3.5	3.3	3.2
8	54.8	54.5	54.4	54.8	54.8	54.5	54.3	53.9	3.2	3.2	3.2	3.0	4.8	3.4	2.1	3.2
9	53.2	51.4	50.3	49.8	49.2	50.0	51.3	51.9	3.0	2.8	2.4	3.2	4.3	3.7	2.6	1.6
10	52.5	52.1	51.8	51.7	51.2	51.0	50.3	49.4	0.6	1.0	2.8	4.0	4.8	4.7	4.7	4.7
11	48.7	47.8	47.3	47.5	47.7	48.5	49.9	50.5	4.1	3.6	3.4	4.2	5.9	6.2	6.4	6.2
12	50.2	49.7	49.7	51.3	51.7	51.7	52.5	53.6	5.7	5.3	5.0	5.0	5.9	5.3	4.0	2.8
13	54.5	55.6	56.5	57.7	58.4	59.7	60.6	61.2	2.5	2.2	1.0	1.3	4.6	4.1	3.0	3.1
14	61.3	61.2	60.7	60.6	59.0	57.0	55.5	53.2	3.2	3.5	3.6	3.3	3.4	2.4	1.7	1.3
15	50.8	48.9	47.0	46.3	45.3	44.6	44.6	45.2	0.8	0.6	0.4	0.9	2.8	2.9	3.3	3.6
16	47.3	47.8	48.4	49.1	49.2	49.7	50.5	51.8	1.4	-0.5	0.6	1.2	2.6	2.4	1.1	0.2
17	53.1	54.5	55.7	57.0	58.1	58.5	58.5	58.0	0.0	-0.2	-0.6	0.0	0.8	0.4	-0.2	-0.8
18	57.5	55.2	53.1	50.7	47.0	44.1	41.5	42.8	-0.8	0.0	0.8	2.0	2.8	3.5	4.1	4.3
19	44.0	45.1	45.9	47.4	47.3	47.4	47.2	46.2	3.3	3.1	1.6	1.5	1.4	0.1	-1.4	0.6
20	45.2	43.2	40.9	37.8	35.0	33.1	32.8	32.3	0.2	0.1	-0.2	0.2	1.1	1.7	2.8	3.6
21	31.5	31.0	31.0	31.9	33.5	36.1	38.6	40.7	3.2	2.5	2.0	1.8	2.3	-1.1	-3.2	-4.5
22	43.5	44.9	46.7	48.0	49.0	49.5	49.2	48.4	-4.7	-4.9	-4.5	-4.6	-4.5	-4.5	-4.3	-2.5
23	47.0	44.8	42.6	40.6	39.5	39.5	38.0	34.1	-0.6	0.3	0.6	1.5	2.7	1.6	1.6	1.4
24	29.5	28.3	28.6	28.8	26.9	26.7	27.6	27.9	1.8	1.2	0.5	0.5	0.8	-1.0	-0.6	-0.9
25	26.4	23.8	18.9	17.4	18.6	22.3	24.5	25.5	-1.1	-1.5	-1.6	-1.7	-1.4	-1.9	-3.0	-4.6
26	25.8	26.7	29.2	33.7	38.9	43.2	45.9	46.4	-3.7	-2.8	-1.2	-1.6	-2.8	-5.0	-6.6	-4.4
27	46.6	46.1	44.5	43.8	41.4	37.9	33.4	29.7	-3.1	-2.8	-0.2	0.0	-0.8	-1.1	-1.0	-0.8
28	25.1	21.8	21.3	23.9	26.8	31.6	35.9	38.7	-0.5	-0.3	-0.2	-0.4	0.4	0.7	-1.2	-2.9
29	39.8	40.7	41.0	42.3	42.8	42.0	40.7	38.6	-3.4	-3.9	-4.8	-5.2	-2.3	-2.1	-2.8	0.3
30	36.0	37.3	37.5	37.4	37.1	41.1	46.5	49.8	1.9	1.2	-0.1	-1.2	-0.6	-2.5	-3.9	-6.8

## Ergänzende Beobach -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Luftdruck . . .	63.5	62.8	61.0	66.4	63.9	60.1	55.6	54.0	51.6	49.6	50.3	53.0	61.1	53.8	44.4
Temperatur . . .	4.0	6.4	5.0	2.3	1.4	2.2	3.2	3.2	2.1	4.8	6.2	3.0	3.0	1.4	3.8
Relat. Feuchtigkeit	88	89	90	89	91	82	85	81	89	91	86	89	92	90	91
Bewölkung . . .	10	10	10	8	10	10	10	10	0	10	10	0	8	5	10
Temperatur {	max.	4.0	7.0	7.0	5.3	2.5	3.2	4.0	5.3	4.3	4.8	6.5	6.5	5.0	3.8
	min.	-1.0	3.6	5.0	2.0	1.0	1.3	2.2	2.0	2.1	0.2	3.2	2.6	0.5	0.0

## November 1917.

Datum	Relative Feuchtigkeit %								Absolute Feuchtigkeit mm.			Completive Feucht. mm.			Feuchtes Thermometer		
	1h	4h	7h	10h	13h	16h	19h	22h	7h	13h	21h	7h	13h	21h	7h	13h	21h
1	90	89	88	87	85	85	86	88	4.0	4.9	5.3	0.6	0.9	0.7	-0.5	2.4	3.2
2	91	94	93	92	89	84	86	88	5.8	6.4	6.4	0.5	0.8	0.8	3.9	5.6	5.6
3	88	87	87	88	85	85	92	90	5.8	6.4	5.8	0.8	1.1	0.7	4.4	5.9	4.3
4	89	90	89	90	91	80	81	90	4.8	5.4	4.8	0.6	0.5	0.6	1.7	3.2	1.6
5	92	85	82	95	89	88	90	91	4.4	4.8	4.6	1.0	0.6	0.4	1.0	1.4	0.9
6	92	91	90	89	92	86	79	84	4.9	4.9	4.4	0.5	0.4	1.0	1.7	1.6	1.1
7	87	88	84	85	83	90	88	85	4.6	5.0	4.8	0.9	1.0	0.9	1.4	2.7	2.2
8	87	86	85	81	74	77	82	83	4.8	4.8	4.7	0.9	1.7	1.1	2.2	3.0	2.0
9	86	90	94	95	91	92	90	90	5.1	5.6	4.7	0.4	0.6	0.6	2.0	3.7	1.4
10	93	89	91	92	91	89	91	90	5.0	5.8	5.8	0.5	0.6	0.6	2.2	4.2	4.2
11	89	87	91	94	92	94	92	85	5.3	6.3	6.3	0.5	0.6	0.8	2.8	5.3	5.2
12	91	93	88	92	85	90	90	88	5.8	5.9	5.0	0.8	1.0	0.6	4.2	4.8	2.3
13	84	84	90	95	85	88	89	92	4.4	5.4	5.2	0.5	0.9	0.4	0.4	3.6	2.5
14	94	94	91	90	91	90	92	90	5.4	5.3	4.5	0.5	0.5	0.5	3.0	2.8	0.8
15	93	92	91	92	90	92	92	88	4.3	5.0	5.4	0.4	0.5	0.5	-0.1	2.2	3.2
16	85	89	89	93	90	89	90	91	4.2	5.0	4.2	0.5	0.5	0.5	0.2	2.0	-0.1
17	88	89	91	87	80	80	79	86	4.0	3.9	3.7	0.4	1.0	0.7	-1.0	-0.6	-1.4
18	90	91	91	92	92	93	92	91	4.4	5.1	5.7	0.4	0.4	0.6	0.3	2.3	3.8
19	81	78	80	72	80	78	85	80	4.1	4.0	3.9	1.0	1.0	0.9	0.4	0.2	-0.4
20	96	93	91	91	90	90	90	88	4.1	4.4	5.3	0.4	0.5	0.6	-0.6	0.5	2.9
21	88	89	90	90	89	90	85	79	4.8	4.8	2.7	0.5	0.6	0.6	1.4	1.6	-5.2
22	76	85	83	73	71	76	82	90	2.7	2.3	3.3	0.6	1.0	0.4	-5.3	-5.9	-3.3
23	86	89	91	92	90	90	90	91	4.4	5.0	4.6	0.4	0.5	0.5	0.1	2.1	0.9
24	91	93	91	86	88	93	78	80	4.3	4.2	3.5	0.4	0.6	0.9	-0.2	0.1	-1.7
25	80	90	91	90	91	89	92	90	3.7	3.8	3.1	0.4	0.4	0.3	-2.0	-1.8	-4.6
26	90	90	91	92	86	88	87	78	3.8	3.2	2.6	0.4	0.5	0.6	-1.7	-3.4	-5.8
27	85	87	86	92	89	80	86	92	3.9	3.8	3.9	0.6	0.5	0.4	-1.0	-1.4	-1.4
28	86	90	92	92	92	96	87	78	4.1	4.3	3.1	0.4	0.4	0.7	-0.7	-0.2	-3.4
29	77	80	86	80	71	75	87	92	2.8	2.7	4.3	0.4	1.1	0.4	-5.4	-3.8	-0.2
30	92	78	91	87	78	87	79	87	3.8	3.4	2.5	0.4	1.0	0.6	-0.5	-1.8	-6.2

t u n g e n u m 21 h.

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mtt.
51.6	58.0	42.0	46.6	32.5	40.2	48.5	35.3	27.8	25.8	46.5	30.7	37.8	39.2	48.9	48.75
0.4	-0.6	4.4	0.6	3.6	-4.4	-2.8	1.4	-0.6	-4.2	-5.0	-0.8	-2.4	0.2	-5.4	1.21
90	84	91	82	89	82	89	91	80	91	82	91	81	92	82	87
10	0	10	8	10	10	10	10	8	5	10	10	10	10	0	8.1
4.0	0.8	4.4	4.6	3.6	3.6	-2.8	3.0	2.6	-0.5	-1.2	0.0	0.7	0.2	2.7	3.30
-0.5	-1.4	-0.8	-1.5	-0.4	-5.6	-5.3	-3.2	-1.0	-5.0	-8.0	-6.4	-2.8	-5.5	-5.4	-0.90

## November 1917.

Datum	Windgeschwindigkeit m/sec.								W i n d															
									1h				4h				7h							
	1h	4h	7h	10h	13h	16h	19h	22h	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
1	2.9	2.6	3.0	3.3	3.1	3.9	3.3	2.8	—	2.1	1.5	—	—	1.9	1.3	—	—	1.7	2.2	—	—	—	—	—
2	2.4	1.8	1.9	3.3	3.5	2.1	2.1	2.3	—	0.1	2.4	—	—	—	1.9	—	—	—	1.9	0.2	—	—	1.7	0.2
3	2.5	2.2	2.0	2.4	1.9	1.2	0.9	1.1	—	—	2.4	0.3	—	—	2.1	0.4	—	—	—	1.7	0.5	—	—	—
4	1.2	1.9	0.9	1.6	2.0	1.7	1.7	1.8	0.7	—	—	0.8	1.5	—	—	0.7	1.1	0.2	—	0.6	—	—	—	—
5	1.8	1.8	1.6	1.5	1.4	1.7	1.2	1.5	1.4	0.7	—	0.1	1.0	1.2	0.2	—	0.2	0.7	0.9	—	—	—	—	—
6	1.8	2.4	3.5	3.5	3.3	3.7	3.1	2.6	—	0.2	1.7	—	—	—	2.3	0.2	—	0.3	3.4	—	—	—	—	—
7	3.3	3.7	3.5	4.0	3.7	2.7	3.6	3.6	—	0.2	3.1	0.3	—	4.1	3.3	0.3	—	0.5	3.2	0.1	—	—	—	—
8	3.9	4.2	4.4	4.7	5.1	3.9	4.2	5.1	—	0.5	3.8	—	—	0.6	3.9	—	—	0.7	4.1	—	—	—	—	—
9	3.6	3.9	3.9	4.2	4.5	3.5	2.6	2.4	—	1.2	2.9	—	—	1.7	2.8	—	—	1.6	2.9	—	—	—	—	—
10	3.2	2.8	3.3	4.2	3.9	4.3	5.1	4.7	—	0.4	3.0	0.1	—	2.3	1.0	—	—	2.8	1.1	—	—	—	—	—
11	4.6	4.2	3.7	2.6	2.5	2.9	3.2	2.7	—	4.0	0.9	—	—	3.4	1.3	—	—	3.1	1.4	—	—	—	—	—
12	3.3	4.0	5.0	4.5	3.9	4.1	4.2	3.6	—	—	2.8	1.0	—	—	2.7	2.5	—	—	2.9	3.5	—	—	—	—
13	3.4	3.3	3.6	3.6	3.3	2.6	3.0	2.5	—	—	0.8	3.1	—	—	1.0	2.8	—	—	1.4	2.8	—	—	—	—
14	2.9	3.3	3.8	4.2	3.8	3.2	3.9	3.1	—	—	1.8	1.9	—	—	2.3	2.0	—	—	2.4	2.3	—	—	—	—
15	2.6	2.4	2.1	2.5	3.0	3.6	3.9	5.3	—	0.2	2.5	—	—	0.4	2.2	—	—	0.2	2.0	0.1	—	—	—	—
16	4.1	3.6	3.2	2.8	2.2	2.6	2.7	2.7	0.4	—	0.3	3.6	—	—	0.5	3.5	0.1	—	0.4	3.0	—	—	—	—
17	3.2	2.8	2.7	2.6	3.1	2.7	2.4	1.8	0.7	—	—	2.9	0.8	—	—	2.5	0.8	—	—	2.3	—	—	—	—
18	2.4	2.6	3.1	2.8	3.5	3.4	5.0	6.6	—	0.4	2.0	0.4	—	0.1	2.6	0.1	—	0.4	2.9	0.3	—	—	—	—
19	5.8	6.2	6.0	6.2	5.1	4.2	4.1	4.0	1.2	—	0.1	5.2	1.7	—	0.1	5.3	1.8	—	0.1	5.1	—	—	—	—
20	2.2	2.4	3.0	3.3	2.5	2.7	4.5	3.6	—	—	0.7	1.9	—	—	2.3	0.3	—	1.7	1.9	—	—	—	—	—
21	3.1	2.1	1.8	1.1	3.6	4.7	4.8	5.4	—	—	1.7	2.2	—	—	1.6	1.0	—	0.4	1.6	—	—	—	—	—
22	5.1	3.9	4.4	3.4	2.9	3.6	4.8	3.8	3.8	2.4	—	0.1	3.2	0.9	—	0.2	3.7	1.1	—	0.4	—	—	—	—
23	5.8	4.9	4.2	4.2	3.3	2.7	2.7	3.6	—	—	3.2	4.0	—	—	3.1	2.9	—	—	3.2	1.9	—	—	—	—
24	5.1	5.9	6.4	4.4	4.2	4.4	4.8	3.7	—	—	3.0	3.2	0.1	—	1.4	5.2	0.1	—	1.3	5.7	—	—	—	—
25	2.4	2.9	5.3	5.7	4.1	3.6	3.5	2.4	—	0.1	2.1	0.3	—	1.0	2.2	—	2.0	4.2	—	—	—	—	—	—
26	1.8	2.6	4.8	5.1	4.5	4.1	3.6	5.3	0.7	—	—	1.6	0.5	—	—	2.4	0.6	—	—	4.5	—	—	—	—
27	6.5	5.9	6.3	6.6	7.0	7.7	7.4	7.0	—	—	3.5	4.7	—	—	4.4	3.0	—	—	4.8	3.2	—	—	—	—
28	6.7	3.6	1.3	1.8	3.6	7.1	8.5	6.3	—	1.1	6.0	0.3	—	1.9	2.7	—	—	1.0	0.6	—	—	—	—	—
29	3.9	2.4	1.8	1.8	1.5	1.8	1.8	3.5	1.2	—	—	3.3	0.4	—	0.1	2.4	—	—	0.4	1.7	—	—	—	—
30	7.3	6.1	5.9	5.9	8.8	8.3	6.2	3.6	0.3	—	2.1	6.3	0.6	—	0.6	5.8	0.5	—	0.6	5.7	—	—	—	—

## T a g e s -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Luftdruck	63.94	63.48	60.52	64.45	65.31	61.72	57.14	54.50	50.89	51.25	48.50	51.30	58.02	58.56	46.59
Temperatur	2.06	5.46	5.84	3.18	1.78	2.14	3.05	3.26	2.95	3.41	5.00	4.88	2.72	2.80	1.91
Relative Feuchtigkeit	87	90	88	88	89	88	86	82	91	91	90	90	88	92	91
Absolute Feuchtigkeit	4.73	6.20	6.00	5.00	4.60	4.73	4.80	4.77	5.13	5.53	5.97	5.57	5.00	5.07	4.90
Completive Feuchtigkeit	0.73	0.70	0.87	0.57	0.67	0.63	0.93	1.23	0.53	0.57	0.63	0.80	0.60	0.50	0.47

## November 1917.

k o m p o n e n t e n m/sec.																			
10h				13h				16h				19h				22h			
N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
—	1.2	2.7	—	—	0.7	2.8	—	—	0.6	3.6	—	—	0.2	3.3	—	—	0.1	2.7	—
—	—	2.6	1.2	—	—	2.1	2.0	—	—	1.7	0.8	—	—	1.9	0.3	—	—	2.3	0.2
—	—	1.4	1.6	—	—	1.1	1.2	—	—	0.9	0.4	—	—	0.7	0.4	—	—	0.6	0.08
1.2	0.4	—	0.3	1.6	0.5	—	0.2	1.4	0.7	—	—	1.4	0.5	—	—	1.4	—	0.7	1.29
—	0.3	1.4	—	—	0.1	1.4	—	—	0.2	1.7	—	—	—	0.6	0.8	—	—	1.2	0.4
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	0.1	3.4	0.3	—	0.3	3.1	0.1	—	0.1	3.2	0.9	—	0.1	2.5	1.1	—	0.3	2.3	0.5
—	0.6	3.7	—	—	0.4	3.5	0.1	—	0.3	2.6	—	—	0.4	3.3	—	—	0.4	3.5	—
—	0.8	4.3	—	—	0.8	4.7	—	—	1.4	3.0	—	—	1.4	3.4	—	—	1.1	4.6	—
—	1.1	3.6	0.1	—	0.3	4.1	0.7	—	—	2.2	2.0	—	—	1.8	1.4	—	—	2.0	0.6
—	2.6	2.3	—	—	2.9	1.8	—	—	3.4	1.6	—	—	4.1	1.8	—	—	3.9	1.1	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	1.8	1.7	—	—	0.4	2.4	0.1	—	—	2.0	1.7	—	—	2.0	2.1	—	—	2.4	0.6
—	—	1.4	3.7	—	—	1.7	3.1	—	—	2.2	2.9	—	—	1.4	3.4	—	—	0.9	3.1
—	—	1.4	2.8	—	—	1.0	2.7	—	—	0.9	2.2	—	—	1.3	2.3	—	—	1.3	1.9
—	—	2.8	2.5	—	—	3.1	1.4	—	—	2.9	0.6	—	0.2	3.8	0.2	—	0.1	3.1	0.3
—	0.1	2.4	0.1	—	0.1	2.6	0.9	—	—	2.5	1.7	—	—	2.5	2.6	1.6	—	4.4	0.20
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	0.4	2.7	—	—	0.2	2.1	0.1	—	0.2	2.5	1.1	—	—	2.2	0.9	—	—	2.2
0.6	—	—	2.4	0.9	—	—	2.6	0.3	—	—	2.6	—	—	0.2	2.3	—	—	1.1	1.1
—	0.2	2.6	0.3	—	0.1	3.1	1.2	—	—	2.5	1.8	0.3	—	1.3	4.3	1.8	—	—	5.7
1.7	—	0.1	5.3	1.6	—	—	4.3	0.4	—	0.1	4.1	—	—	0.2	4.0	—	—	0.3	3.8
—	2.2	1.6	—	—	1.3	1.6	—	—	0.3	1.4	1.6	—	—	0.8	4.2	—	—	0.8	3.2
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0.2	0.7	0.4	—	2.5	2.1	—	—	3.7	2.1	1.6	0.1	3.4	2.5	—	—	4.2	2.0	—	0.2
2.7	0.2	—	1.2	1.9	—	—	2.3	0.4	—	—	2.7	—	—	1.6	2.7	—	—	2.6	3.3
—	—	2.5	3.0	—	—	0.7	3.1	—	—	0.9	2.2	—	—	2.1	1.0	—	—	2.8	0.8
—	—	1.5	3.7	—	—	1.5	3.3	2.1	—	1.5	3.4	—	—	0.9	4.5	—	—	1.2	3.1
3.5	3.4	—	—	3.5	0.8	—	0.8	0.8	—	—	3.3	—	—	0.6	3.4	—	—	0.9	2.0
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3.4	—	—	2.6	2.1	—	—	3.4	—	—	0.3	4.0	—	—	1.1	3.0	—	—	3.0	3.7
—	—	5.2	2.8	—	0.3	6.3	2.5	—	0.6	6.8	1.5	—	0.7	7.1	1.2	—	0.8	6.4	0.6
0.4	—	—	1.6	0.4	—	—	3.5	2.4	—	—	6.1	3.9	—	—	6.9	2.2	—	0.1	5.2
—	—	0.5	1.7	—	—	0.9	1.0	—	0.1	1.8	—	—	0.2	1.7	—	—	—	2.2	2.4
0.5	—	0.6	5.5	1.3	—	0.6	8.2	3.7	—	0.1	6.5	3.6	—	—	4.5	0.4	—	0.2	3.5
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

m i t t e l.

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Mtt.
49.22	56.68	48.99	46.31	37.54	34.30	47.40	40.76	28.04	22.18	36.22	40.42	28.14	40.99	40.34	48.46
1.12	-0.08	2.09	1.28	1.19	0.38	-4.31	1.14	0.29	-2.10	-3.51	-1.22	-0.55	-3.02	-1.50	1.39
90	85	92	79	91	88	80	90	88	89	88	87	89	81	85	88
4.47	3.87	5.07	4.00	4.60	4.10	2.77	4.67	4.00	3.20	3.20	3.87	2.83	3.27	3.23	4.55
0.50	0.70	0.47	0.97	0.50	0.63	0.67	0.47	0.63	0.37	0.50	0.50	0.50	0.63	0.67	0.64

November 1917.

Datum	B e w ö l k u n g												
	Menge in Zehnteln						F o r m						
	7h	10h	13h	16h	19h	22h	7h	10h	13h	16h	19h	21h	22h
1	0	10	10	10	10	10	—	SCu	St	St	St	St	St
2	10	10	10	10	10	10	Nb	St	St	St	St	St	St
3	10	10	10	10	10	10	St	St	St	St	St	Nb	Nb
4	10	10	10	10	10	9	≡,St	St	St	SCu	St	St	St
5	5	10	10	10	10	10	St, SCu, Cu	St	St	St	St	St	St
6	10	10	10	10	10	10	St	St	St	St	St	St	St
7	10	10	10	10	10	10	St	St	St	Nb	St	St	St
8	10	6	8	3	10	10	St	⊙FrCu	⊙SCu, FrCu	⊙St	St	St	St
9	10	10	10	10	8	0	Nb	Nb	Nb	Nb	St	—	—
10	10	10	10	10	10	10	Nb	St	St	St	St	Nb	St
11	10	10	10	10	10	10	Nb	St	St	St	St	St	St
12	10	10	6	10	10	0	CuNb	St	⊙SCu, ClS, [Cu]	Nb	St	St	—
13	0	0	0	8	6	10	—	⊙—	⊙—	CuNb	St	St	St
14	10	10	10	10	9	3	St	St	St	St	St	St	St
15	10	10	10	10	10	10	St	St	St	St	St	Nb	St
16	10	9	10	10	10	10	SCu	SCu, St	St	Nb	St	St	St
17	10	10	10	10	8	0	CuNb	St	St	St	St	—	—
18	10	10	10	10	10	10	St	St	Nb	Nb	Nb	Nb	Nb
19	7	2	10	10	8	8	SCu	St	Nb	St	St	St	St
20	10	10	10	10	10	10	Nb	Nb	Nb	Nb	Nb	Nb	Nb
21	10	10	10	10	10	10	CuNb	St	St	St	St	St	St
22	10	10	10	10	10	10	St	St	St	St	St	St	St
23	10	10	5	10	10	10	Nb	St	⊙St, Cl, Cl- [Cu]	St	St	St	St
24	2	10	10	4	6	9	St	St	St	St	St	St	St
25	10	10	10	10	8	2	Nb	St	St	St	St	St	St
26	10	10	6	0	10	10	St	St	ClS	⊙—	St	St	St
27	10	10	10	10	10	10	Nb	St	St	St	St	Nb	Nb
28	10	10	10	10	10	10	Nb	St	St	St	St	St	St
29	8	5	10	10	10	10	St	SCu, St	St	St	St	St	St
30	10	8	10	10	7	0	Nb	SCu, Cu	St	St	St	St	—

S t u n d e n -

Stunden	W i n d k o m p o n e n t e n						Richtung $\varphi^0$	Resultante R	Geschw.- mittel J
	N	E	S	W	N-S	E-W			
1	0.35	0.45	1.81	1.59	-1.46	-1.14	218	1.85	3.63
4	0.33	0.65	1.66	1.45	-1.34	-0.80	211	1.56	3.41
7	0.36	0.69	1.64	1.46	-1.28	-0.78	211	1.50	3.55
10	0.47	0.52	1.68	1.51	-1.21	-0.99	219	1.56	3.59
13	0.53	0.37	1.68	1.69	-1.15	-1.32	230	1.75	3.64
16	0.51	0.33	1.61	1.85	-1.10	-1.53	234	1.88	3.60
19	0.46	0.34	1.60	1.96	-1.14	-1.62	235	1.98	3.72
22	0.44	0.29	1.63	1.80	-1.20	-1.51	232	1.93	3.65
Mitt.	0.43	0.46	1.66	1.67	-1.23	-1.21	224	1.73	3.60

## November 1917.

Datum	Niederschläge mm.		Ver- dunstung mm.	Embach- stand cm.	B e m e r k u n g e n
	7h—21h	21h—7h			
1	—	1.1	0.4	105	● n.
2	—	0.4	0.2	104	● n.
3	—	2.2	0.6	104	≡ 13 <sup>b</sup> ; ● n.
4	—	—	0.0	105	≡ a.
5	—	—	0.2	108	
6	—	—	0.4	108	
7	0.0	—	0.4	110	● <sup>0</sup> p.
8	—	4.0	0.4	110	● n.
9	0.0	1.6	0.4	112	● <sup>0</sup> a; ● p—17 <sup>b</sup> 10 <sup>m</sup> , n.
10	1.0	0.0	0.1	110	● a, p; ● <sup>0</sup> n.
11	0.0	1.3	0.3	112	≡ n; ● <sup>0</sup> a; ● n.
12	0.0	1.1	0.4	112	● <sup>0</sup> 16 <sup>a</sup> —17 <sup>b</sup> ; ● n.
13	—	—	0.4	111	∇ a.
14	—	0.1	0.4	112	* <sup>0</sup> n.
15	1.4	—	0.4	111	● p.
16	0.0	—	0.2	111	∇ a; ● <sup>0</sup> 16 <sup>b</sup> ; Δ 18 <sup>b</sup> 15 <sup>m</sup> .
17	—	—	0.4	111	∇ a.
18	5.7	0.0	0.0	110	● p; ● <sup>0</sup> n.
19	0.0	—	0.0	110	Δ 12 <sup>b</sup> 25 <sup>m</sup> —31 <sup>m</sup> ; * <sup>0</sup> 12 <sup>b</sup> 31 <sup>m</sup> —13 <sup>b</sup> 10 <sup>m</sup> .
20	9.6	—	0.0	110	*—10 <sup>b</sup> 7 <sup>m</sup> ; ● 10 <sup>b</sup> 7 <sup>m</sup> mit Unterbr.—20 <sup>b</sup> .
21	0.0	—	0.6	109	● <sup>0</sup> 12 <sup>b</sup> 22 <sup>m</sup> —29 <sup>m</sup> ; * <sup>0</sup> p.
22	—	—	0.2	108	
23	2.2	—	0.2	109	*a; ∇ 20 <sup>b</sup> 40 <sup>m</sup> .
24	—	0.4	0.2	109	*n.
25	0.3	—	0.2	110	‡, *a. ☒ 2
26	—	—	0.2	114	☒ 3
27	4.3	5.7	0.4	119	*p, n. ☒ 3
28	0.0	—	0.2	121	* <sup>0</sup> a, p. ☒ 3
29	—	1.2	0.0	122	*n. ☒ 4
30	0.3	—	0.6	122	‡, *a, p. ☒ 3

m i t t e l.

Luftdruck	Tempe- ratur	Relative Feuchtig- keit	Bewölkung	Stunden
48.83	1.26	88	—	1
48.38	1.09	88	—	4
48.01	1.12	89	8.7	7
48.25	1.34	89	9.0	10
48.16	2.25	86	9.2	13
48.49	1.75	87	9.2	16
48.80	1.20	87	9.3	19
48.74	1.08	87	8.0	22
48.46	1.39	88	8.9	Mitt.

## Dezember 1917.

Datum	Luftdruck 700 mm. +								Temperatur							
	1h	4h	7h	10h	13h	16h	19h	22h	1h	4h	7h	10h	13h	16h	19h	22h
1	51.5	51.4	51.3	51.1	50.2	48.3	45.2	41.8	-9.0	-9.5	-5.0	-3.6	-2.4	-2.0	-1.7	-0.6
2	39.0	36.2	33.1	31.2	29.9	29.1	27.8	27.4	0.7	0.8	0.6	1.2	1.8	2.2	2.0	0.8
3	27.5	27.5	27.4	27.9	28.6	30.4	32.4	34.8	-0.6	-2.0	-1.8	-2.4	-0.7	-1.2	-1.6	-2.9
4	37.1	39.9	42.7	46.2	49.3	52.5	55.0	56.9	-4.0	-4.8	-5.0	-5.0	-5.6	-7.4	-9.4	-10.8
5	58.9	60.8	62.4	64.7	65.1	65.8	66.5	66.2	-11.2	-11.6	-11.8	-11.4	-9.9	-10.7	-11.7	-12.4
6	64.9	63.6	62.4	61.0	58.7	56.1	54.1	51.3	-12.6	-9.1	-8.4	-7.3	-6.4	-5.9	-5.6	-4.0
7	49.5	48.0	48.3	48.4	47.8	47.7	47.9	48.8	-1.7	-0.8	-0.2	-0.4	-0.1	0.2	0.2	0.0
8	49.6	50.1	50.6	51.1	51.8	52.0	52.1	52.3	0.1	0.2	0.4	0.7	0.8	0.4	-0.2	-0.4
9	52.4	52.4	52.6	53.3	53.8	54.9	55.8	56.9	-0.8	-0.9	-0.8	-1.0	-1.1	-1.0	-1.2	-1.3
10	58.3	59.0	60.4	61.5	62.0	62.4	63.2	64.3	-1.3	-1.7	-1.9	-1.8	-1.2	-1.1	-1.7	-3.5
11	65.5	66.4	67.7	68.5	68.8	68.8	69.0	68.5	-6.5	-8.0	-9.0	-7.0	-5.2	-7.3	-10.3	-11.4
12	68.4	67.4	65.9	65.5	63.6	62.1	61.2	60.2	-13.4	-15.6	-15.0	-14.0	-11.0	-9.5	-7.5	-6.9
13	58.6	57.0	55.2	54.1	52.2	49.6	46.8	45.0	-6.6	-6.1	-4.4	-3.0	-1.2	-0.7	-0.1	0.2
14	44.0	43.1	42.7	42.9	42.5	42.2	41.8	41.1	0.3	0.4	0.5	1.0	1.7	1.5	1.1	0.6
15	40.4	39.6	38.6	38.1	37.7	37.8	38.1	38.7	0.2	-0.2	-0.5	-1.2	-0.8	-0.9	-1.0	-1.2
16	39.1	39.4	39.9	40.7	41.5	42.4	43.9	45.6	-1.7	-2.2	-3.0	-3.4	-4.1	-5.4	-6.6	-8.8
17	47.1	48.6	50.1	52.8	54.8	56.6	57.9	59.3	-9.3	-7.4	-7.2	-6.9	-6.8	-6.9	-8.2	-8.2
18	59.8	60.2	60.5	61.5	61.6	61.9	62.1	62.3	-7.7	-6.3	-4.2	-3.7	-3.8	-4.2	-3.7	-3.4
19	62.7	62.8	62.9	63.6	63.5	63.5	63.3	62.8	-3.7	-4.0	-4.6	-5.5	-6.6	-7.7	-9.0	-10.8
20	62.2	61.4	60.8	60.7	60.5	60.6	60.8	60.6	-9.3	-6.0	-4.0	-3.4	-2.2	-2.1	-2.3	-2.6
21	60.5	60.3	59.1	58.7	56.8	55.7	54.8	54.0	-4.2	-7.3	-10.2	-10.0	-8.2	-10.7	-11.2	-10.0
22	52.5	52.2	52.0	52.5	53.2	54.9	56.4	57.6	-9.0	-8.2	-7.0	-6.1	-3.4	-2.9	-3.6	-4.2
23	58.5	58.7	59.1	59.5	59.2	59.3	58.9	58.1	-7.0	-8.1	-8.4	-8.0	-6.8	-7.6	-10.1	-13.0
24	56.2	53.8	51.5	50.4	49.0	47.5	46.8	46.9	-13.8	-10.4	-6.6	-5.5	-3.8	-3.9	-3.8	-5.2
25	47.4	47.5	48.1	48.6	49.0	49.9	50.4	51.0	-6.2	-7.5	-8.2	-8.4	-8.4	-9.9	-10.7	-11.8
26	51.5	51.8	52.3	53.8	54.7	56.3	57.3	58.8	-11.8	-11.1	-9.4	-8.8	-7.8	-8.8	-8.0	-7.5
27	59.9	60.8	61.3	61.9	61.5	61.2	61.0	61.2	-7.7	-8.1	-7.0	-6.1	-4.2	-3.3	-2.5	-1.6
28	61.3	61.3	61.4	62.1	62.3	62.7	63.4	64.4	-1.7	-1.9	-2.0	-1.8	-1.4	-2.8	-4.6	-5.7
29	64.9	65.7	65.8	66.5	65.8	65.5	65.5	65.8	-7.3	-5.9	-5.6	-7.1	-7.4	-7.4	-4.3	-3.7
30	66.1	66.3	65.8	66.3	65.6	65.4	64.8	65.2	-3.7	-3.6	-3.4	-3.2	-3.0	-3.2	-3.1	-3.3
31	65.5	66.0	66.4	66.3	66.2	65.0	63.8	62.6	-3.6	-4.1	-3.5	-3.6	-3.6	-3.0	-3.2	-4.1

## Ergänzende Beobach-

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Luftdruck. . . . .	42.7	27.3	33.9	56.4	66.3	52.2	48.4	52.1	56.5	64.0	68.7	60.4	45.4	41.3	
Temperatur . . .	−0.8	1.0	−2.2	−10.4	−12.0	−4.6	0.0	−0.4	−1.2	−2.8	−11.0	−7.0	0.2	0.7	
Relative Feucht. .	87	86	88	88	89	89	89	86	90	84	89	88	89	89	
Bewölkung . . . .	10	10	10	0	0	10	10	10	10	0	10	10	10	10	
Temperatur {	max.	−0.5	2.6	1.8	−1.9	−9.8	−4.6	−0.5	1.0	0.0	−0.3	−2.8	−6.8	0.4	1.8
	min.	−10.0	−1.8	−2.6	−11.2	−13.0	−13.2	−5.0	−0.5	−1.9	−4.4	−11.8	−16.0	−7.5	0.2



## Dezember 1917.

Datum	Relative Feuchtigkeit %								Absolute Feuchtigkeit mm.			Completive Feucht. mm.			Feuchtes Thermometer		
	1h	4h	7h	10h	13h	16h	19h	22h	7h	13h	21h	7h	13h	21h	7h	13h	21h
1	93	97	84	78	78	80	81	87	2.6	3.0	3.8	0.5	0.8	0.6	— 5.6	— 3.5	— 1.4
2	90	94	93	92	92	91	92	89	4.4	4.8	4.2	0.3	0.4	0.7	0.2	1.3	0.2
3	86	82	85	92	89	91	93	86	3.4	3.9	3.4	0.6	0.5	0.5	— 2.6	— 1.2	— 2.7
4	83	87	88	84	87	89	91	88	2.8	2.6	1.8	0.4	0.4	0.2	— 5.9	— 6.2	— 10.8
5	88	88	88	88	89	89	89	88	1.6	1.9	1.6	0.2	0.2	0.2	— 12.1	— 10.3	— 12.3
6	89	89	87	87	88	85	85	90	2.1	2.5	2.9	0.3	0.3	0.4	— 8.8	— 6.8	— 5.0
7	90	89	89	89	89	90	89	88	4.0	4.0	4.1	0.5	0.5	0.5	— 0.8	— 0.8	— 0.6
8	88	88	89	89	89	89	87	86	4.2	4.3	3.8	0.6	0.5	0.6	— 0.1	0.2	— 1.1
9	86	86	86	87	87	89	90	90	3.7	3.7	3.8	0.6	0.6	0.4	— 1.5	— 1.8	— 1.7
10	91	91	90	90	90	89	88	84	3.6	3.8	3.1	0.4	0.4	0.6	— 2.4	— 1.7	— 3.5
11	82	81	88	89	90	91	90	89	2.0	2.8	1.8	0.3	0.3	0.2	— 9.4	— 5.6	— 11.4
12	88	88	88	87	88	88	89	88	1.3	1.8	2.4	0.2	0.2	0.3	— 15.3	— 11.3	— 7.4
13	88	89	90	91	92	91	90	89	3.0	3.9	4.1	0.3	0.3	0.5	— 4.7	— 1.6	— 0.4
14	89	90	90	89	88	89	90	92	4.3	4.6	4.3	0.5	0.6	0.5	0.0	1.0	0.0
15	92	91	90	90	91	91	92	93	4.0	3.9	3.9	0.4	0.4	0.4	— 1.0	— 1.3	— 1.6
16	92	90	88	87	88	88	90	91	3.2	3.0	2.2	0.4	0.4	0.2	— 3.6	— 4.8	— 8.8
17	90	88	91	91	91	91	91	91	2.4	2.5	2.3	0.2	0.2	0.2	— 7.6	— 7.0	— 8.5
18	91	92	92	92	92	92	93	96	3.1	3.2	3.3	0.3	0.3	0.2	— 4.4	— 4.1	— 3.6
19	100	99	98	93	87	87	87	87	3.2	2.4	1.8	0.1	0.4	0.3	— 4.8	— 7.1	— 10.9
20	88	90	86	87	89	90	87	86	2.9	3.5	3.3	0.5	0.4	0.5	— 4.6	— 2.8	— 3.3
21	86	85	87	89	86	82	84	82	1.8	2.1	1.7	0.3	0.4	0.4	— 10.6	— 8.7	— 10.9
22	81	82	85	85	85	74	74	74	2.3	3.0	2.6	0.4	0.5	0.8	— 7.5	— 4.0	— 5.5
23	82	84	87	88	85	86	90	87	2.1	2.4	1.5	0.3	0.4	0.2	— 8.8	— 7.2	— 13.6
24	86	88	90	91	88	88	87	87	2.5	3.0	2.8	0.3	0.4	0.4	— 6.8	— 4.2	— 5.2
25	86	88	87	88	86	89	90	89	2.2	2.1	1.6	0.3	0.3	0.3	— 8.7	— 9.0	— 12.2
26	88	88	88	90	87	88	88	87	2.0	2.2	2.3	0.3	0.3	0.4	— 9.8	— 8.4	— 7.9
27	90	89	89	90	89	92	92	90	2.4	3.0	3.7	0.3	0.4	0.4	— 7.4	— 4.8	— 2.2
28	89	89	90	90	90	91	90	90	3.6	3.6	2.9	0.4	0.4	0.3	— 1.8	— 1.8	— 5.7
29	89	89	89	89	90	91	92	94	2.7	2.4	3.2	0.3	0.3	0.2	— 6.0	— 7.7	— 4.0
30	95	95	95	97	100	100	100	100	3.4	3.7	3.6	0.2	0.0	0.0	— 3.6	— 3.0	— 3.2
31	100	100	100	100	100	99	98	96	3.5	3.5	3.3	0.0	0.0	0.1	— 3.5	— 3.7	— 4.0

t u n g e n u m 21 h.

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mtt.
38.3	45.0	58.8	62.1	63.0	60.6	54.2	57.4	58.5	46.8	51.0	58.3	60.7	63.9	65.6	65.0	62.9	54.44
-1.0	-8.4	-8.2	-3.4	-10.6	-2.6	-10.4	-4.0	-13.0	-5.0	-11.8	-7.4	-1.6	-4.6	-3.8	-3.2	-3.9	-4.95
91	90	91	93	87	87	83	75	89	87	86	86	90	90	94	100	97	89
10	2	10	10	10	10	0	10	0	10	10	10	10	10	10	10	9	8.10
1.0	-0.8	-6.0	-3.0	-3.0	-2.1	-2.4	-2.5	-3.8	-3.0	-4.5	-7.2	-1.6	-1.4	-3.8	-2.5	-2.9	-2.20
-1.7	-8.5	-9.5	-8.5	-10.9	-11.0	-11.7	-10.4	-13.0	-14.4	-11.8	-11.8	-9.0	-5.4	-7.6	-4.5	-4.3	-8.15

## Dezember 1917.

Datum	Windgeschwindigkeit m/sec.								W i n d											
									1h				4h				7h			
	1h	4h	7h	10h	13h	16h	19h	22h	N	E	S	W	N	E	S	W	N	E	S	W
1	3.3	3.4	3.4	2.4	1.6	2.5	3.0	3.3	—	—	0.4	3.1	—	—	1.5	2.7	—	—	1.9	2.5
2	3.9	3.1	4.4	4.8	4.0	3.8	3.0	7.3	—	—	3.1	1.5	—	—	2.9	0.6	—	—	3.7	1.4
3	5.7	4.7	2.6	1.1	1.3	1.4	1.4	3.7	—	—	3.7	3.8	—	—	3.4	2.6	—	—	2.2	0.6
4	3.3	2.7	3.5	4.5	3.1	2.8	3.0	3.0	2.8	0.9	—	0.2	2.4	0.3	—	0.4	3.2	0.6	—	0.2
5	2.8	2.8	2.8	2.6	2.5	2.2	1.9	1.5	—	—	0.3	2.8	—	—	0.2	2.9	—	—	—	2.8
6	1.7	2.8	2.7	3.6	3.9	4.2	3.9	4.8	—	—	0.5	1.3	—	—	1.0	2.4	—	—	1.3	1.7
7	5.0	5.3	5.4	5.5	5.8	6.1	6.0	5.7	—	—	4.1	2.0	—	—	4.3	2.4	—	—	4.5	2.3
8	4.8	4.5	4.7	4.8	4.4	3.9	4.2	3.6	—	—	3.8	2.3	—	—	3.7	2.1	—	—	3.9	2.0
9	3.0	2.8	3.0	3.0	2.4	2.0	2.3	1.8	—	0.1	2.8	0.4	—	—	2.7	0.6	—	0.2	2.8	0.3
10	2.4	1.7	1.4	1.3	1.9	2.4	2.6	2.1	—	—	1.8	1.2	—	—	1.2	0.9	—	—	1.0	0.6
11	1.2	1.5	1.7	1.8	1.2	1.2	1.0	1.1	—	—	1.3	—	—	—	1.0	0.7	—	—	1.4	0.4
12	0.9	0.9	1.8	1.0	0.6	0.7	1.9	2.1	—	0.4	0.6	—	—	0.7	0.5	—	—	1.1	1.3	—
13	2.4	2.1	3.2	4.2	4.5	5.1	6.4	5.3	—	0.1	2.2	0.3	—	—	2.1	0.5	—	—	2.4	1.4
14	4.6	3.9	3.9	3.3	4.1	4.5	3.3	3.2	—	—	3.7	1.8	—	—	3.2	1.5	—	—	2.9	1.8
15	2.1	0.6	1.0	1.7	2.6	3.0	2.1	2.4	—	—	1.1	1.4	—	—	0.5	0.2	—	0.8	0.3	—
16	3.5	3.8	4.5	3.6	3.0	3.4	3.2	3.0	2.6	—	—	1.6	2.6	—	—	2.3	2.9	—	—	3.1
17	2.2	1.8	2.6	2.4	1.6	1.0	1.0	1.2	—	—	0.8	1.8	—	—	0.9	1.4	—	—	1.2	2.0
18	1.4	1.5	1.3	0.9	0.9	0.5	0.4	0.5	—	—	1.4	—	—	—	1.6	—	—	—	1.4	—
19	0.4	0.6	1.0	1.2	1.7	1.7	1.5	1.6	—	—	—	—	—	—	0.6	—	—	—	1.0	—
20	2.7	3.0	5.3	5.9	6.4	5.7	3.8	3.2	—	—	1.9	1.4	—	—	2.0	1.7	—	—	3.1	3.4
21	3.4	2.6	3.0	3.9	5.0	4.8	4.3	4.4	—	—	2.6	1.3	—	—	2.4	0.5	—	0.3	3.0	—
22	6.0	4.4	4.8	4.0	3.6	3.6	2.3	2.1	—	—	5.1	1.0	—	—	3.7	1.4	—	—	3.7	2.1
23	2.4	2.1	2.4	2.4	2.5	2.1	1.3	1.4	—	—	0.3	2.3	—	—	0.3	2.0	—	—	0.4	2.3
24	2.6	2.7	2.9	3.3	4.5	5.0	6.0	6.0	—	1.8	1.3	—	—	1.9	1.4	—	—	0.6	2.6	—
25	5.1	4.8	5.4	6.4	5.1	3.9	3.7	3.7	—	0.2	4.4	1.3	—	0.2	4.5	0.7	—	0.5	4.9	0.3
26	4.2	4.2	3.9	3.0	2.4	2.3	1.8	2.2	—	3.3	1.6	—	—	3.6	1.3	—	—	3.4	1.0	—
27	2.1	1.4	0.8	0.6	0.7	1.0	0.9	1.7	—	0.2	2.1	—	—	0.1	1.4	—	—	0.2	0.7	—
28	2.1	1.2	0.7	0.4	0.4	0.5	1.1	1.4	—	0.1	2.1	—	—	—	1.3	—	—	—	0.7	—
29	1.3	0.6	1.0	1.2	0.7	1.4	1.5	1.5	0.7	—	—	1.0	—	—	—	0.7	—	—	0.1	1.1
30	1.5	1.4	2.1	2.0	2.6	2.5	2.4	2.1	—	—	0.7	1.1	—	—	0.8	0.9	—	—	1.0	1.6
31	1.8	1.6	0.7	0.7	0.8	0.6	1.6	1.4	—	—	0.6	1.6	—	—	0.6	1.3	—	—	0.2	0.7

## T a g e s -

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Luftdruck	48.85	31.71	29.56	47.45	63.80	59.01	48.30	51.20	54.01	61.39	67.90	64.29	52.31	42.54	38.62
Temperatur	-4.22	1.26	-1.65	-6.50	-11.34	-7.41	-0.35	0.25	-1.01	-1.78	-8.09	-11.61	-2.74	0.89	-0.70
Relative Feuchtigkeit	85	92	88	87	88	88	89	88	88	89	88	88	90	90	91
Absolute Feuchtigkeit	3.13	4.47	3.57	2.40	1.70	2.50	4.03	4.10	3.73	3.50	2.20	1.83	3.67	4.40	3.93
Completive Feuchtigkeit	0.63	0.47	0.53	0.33	0.20	0.33	0.50	0.57	0.53	0.47	0.27	0.23	0.37	0.53	0.40

## Dezember 1917.

komponenten m/sec.																			
10h				13h				16h				19h				22h			
N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
—	—	1.7	1.6	—	0.2	1.5	—	—	0.9	2.0	—	—	1.8	1.8	—	—	1.4	2.5	0.1
—	—	3.9	2.1	—	—	3.1	2.1	—	—	3.1	1.8	—	—	2.7	1.0	—	—	4.4	5.1
—	—	1.2	—	0.3	—	—	1.1	0.3	—	—	1.2	0.8	0.6	—	0.3	2.9	1.8	—	—
4.1	0.7	—	0.3	2.4	0.1	1.4	1.4	0.8	—	—	2.6	—	—	—	3.0	—	—	0.2	3.0
—	—	—	2.6	—	—	0.4	2.4	—	—	0.6	2.0	—	—	0.6	1.7	—	—	0.5	1.3
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	0.2	3.4	0.4	—	0.8	3.5	0.1	—	0.4	3.9	0.3	—	0.3	3.6	0.6	—	0.1	4.3	1.5
—	—	4.6	2.3	—	—	4.9	2.5	—	0.1	5.1	2.6	—	—	4.6	2.9	—	—	4.4	2.6
—	—	3.7	2.2	—	—	3.9	1.7	—	0.1	3.6	0.8	—	—	4.0	1.2	—	0.2	3.2	0.8
—	0.5	2.8	—	—	0.1	2.3	0.1	—	—	1.7	0.6	—	—	1.8	0.8	—	—	1.6	0.6
—	—	1.3	—	—	0.8	1.4	—	—	1.3	1.3	—	—	0.5	2.3	—	—	0.2	2.0	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	1.2	0.9	—	—	0.9	0.5	—	—	1.2	—	—	0.3	0.8	—	—	0.6	0.7	—
—	0.3	0.8	—	—	—	0.7	—	—	—	0.6	0.2	—	—	1.1	1.3	—	—	1.2	1.3
—	—	3.3	1.7	—	—	4.0	1.6	—	0.2	4.3	1.5	—	0.2	5.5	1.6	—	0.1	4.7	1.8
—	—	1.8	2.2	—	—	2.4	2.7	—	—	3.1	2.9	—	—	2.2	2.2	—	—	1.6	2.3
0.3	1.5	—	—	1.7	1.8	—	—	2.2	1.6	—	—	1.7	0.7	—	—	1.9	0.1	—	0.6
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1.6	—	—	2.7	0.6	—	—	2.8	0.5	—	—	3.1	—	—	0.2	3.1	—	—	0.4	2.8
—	—	1.1	1.8	—	—	0.7	1.0	—	—	0.8	0.3	—	—	1.1	—	—	—	1.3	—
—	—	0.9	—	—	—	1.0	—	—	—	0.6	—	—	—	0.6	—	—	—	0.6	—
—	—	1.1	0.4	—	—	1.3	0.5	—	—	1.2	0.8	—	—	1.0	0.8	—	—	1.2	0.8
—	—	3.2	3.9	—	—	3.5	4.1	—	—	3.3	3.9	—	—	2.5	2.5	—	—	2.2	1.6
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	0.4	3.7	—	—	0.8	4.6	—	—	0.5	4.6	0.1	—	0.3	4.0	0.3	—	—	4.0	1.0
—	—	2.8	2.0	—	—	1.9	2.5	—	—	0.2	3.5	0.1	—	—	2.2	—	—	2.2	0.01
—	—	0.3	2.3	—	—	0.2	2.7	—	—	0.1	2.1	—	—	0.2	1.3	—	—	1.1	0.2
—	0.1	2.8	0.7	—	0.2	4.0	0.8	—	0.2	4.6	1.0	—	0.2	5.3	1.5	—	0.2	5.1	1.8
—	1.0	5.9	0.1	—	1.2	4.5	—	—	1.9	3.1	—	—	2.3	2.5	—	—	2.7	2.0	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	2.6	0.8	—	—	1.7	1.2	—	—	0.9	1.8	—	—	0.4	1.6	—	—	0.1	2.2	—
—	0.3	0.3	—	—	0.4	0.4	—	—	0.5	0.7	—	—	0.3	0.7	—	—	0.1	1.6	0.1
—	—	—	—	—	—	—	—	0.3	—	—	0.3	0.4	—	—	0.8	0.9	—	—	0.9
—	—	0.2	1.1	—	—	0.2	0.5	—	—	0.7	1.0	—	—	0.7	1.0	—	—	0.7	1.0
—	—	0.9	1.5	—	—	1.4	1.9	—	—	1.1	2.0	—	—	0.9	2.0	—	—	0.5	1.9
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	0.2	0.6	—	—	0.2	0.7	—	—	0.2	0.5	—	—	0.7	1.2	—	—	0.7	1.0

m i t t e l.

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mtt.
41.56	53.40	61.24	63.14	60.95	57.49	53.91	58.91	50.26	48.29	54.56	61.10	62.36	65.69	65.69	65.22	54.37
-4.40	-7.61	-4.62	-6.49	-3.99	-8.98	-5.55	-8.62	-6.62	-8.89	-9.15	-5.06	-2.74	-6.09	-5.31	-3.59	-4.86
89	90	92	92	88	85	80	86	88	88	88	90	90	90	98	99	89
2.80	2.40	3.20	2.47	3.23	1.87	2.63	2.00	2.77	1.97	2.17	3.03	3.37	2.77	3.57	3.43	3.99
0.33	0.20	0.27	0.27	0.47	0.37	0.57	0.30	0.37	0.30	0.33	0.37	0.37	0.27	0.07	0.03	0.36

Dezember 1917.

Datum	B e w ö l k u n g												
	Menge in Zehnteln						F o r m						
	7h	10h	13h	16h	19h	22h	7h	10h	13h	16h	19h	21h	22h
1	10	7	10	10	10	10	St	SCu,St	St	St	St	Nb	Nb
2	10	10	10	10	10	10	Nb	St	Nb	St	St	Nb	Nb
3	3	4	3	10	10	10	St,Cu	⊙SCu	⊙SCu	St	St	St	St
4	10	10	7	0	0	0	Nb	AS	⊙AS	—	—	—	—
5	0	0	1	0	0	0	—	⊙—	⊙AS	—	—	—	—
6	10	10	10	10	10	10	St	Nb	Nb	St	St	St	St
7	10	10	10	10	10	10	St	St	St	St	St	Nb	Nb
8	10	10	10	10	10	10	St	St	St	St	St	St	St
9	10	10	10	10	10	10	St	Nb	St	St	St	St	St
10	10	10	10	10	8	0	≡	≡	≡	St	St	—	—
11	10	10	10	10	10	10	≡	≡	St	≡	≡	≡	≡
12	0	7	10	10	10	10	—	SCu,St	≡	St	St	St	St
13	10	10	10	10	10	10	St	St	Nb	St	St	Nb	Nb
14	10	10	9	10	10	10	St	St	St,SCu	St	St	St	St
15	10	10	10	10	10	10	SCu	St	Nb	Nb	Nb	Nb	Nb
16	10	10	4	3	3	1	St	St	⊙ACu,Cu, Cis	SCu	St	St	St
17	10	10	10	10	10	10	St	≡	≡	St	St	≡	≡
18	10	10	3	10	10	10	Nb	≡	⊙AS	≡	≡	St	St
19	10	10	10	10	10	10	St	St	St	St	St	St	St
20	10	10	10	10	10	10	Nb	St	Nb	St	St	St	St
21	0	3	3	0	0	0	—	⊙CiS	⊙CiS	—	—	—	—
22	10	10	10	10	10	10	Nb	St	St	St	St	St	St
23	8	6	9	10	7	0	SCu	SCu	⊙SCu	St	AS	—	—
24	10	10	10	10	10	10	St	St	St	St	St	St	St
25	10	10	9	10	10	10	St	St	SCu	St	St	St	St
26	10	0	0	10	10	10	Nb	⊙—	⊙—	St	St	St	St
27	10	10	10	10	10	10	St	St	St	St	St	St	St
28	10	10	10	10	10	10	Nb	Nb	Nb	Nb	St	St	St
29	10	10	10	10	10	10	St	St	St,CiS	St	St	St	St
30	10	10	10	10	10	10	St	St	St	St	St	St	St
31	10	10	10	10	10	9	St	St	Nb	Nb	Nb	CuNb	CuNb

S t u n d e n -

Stunden	W i n d k o m p o n e n t e n						Richtung	Resultante	Geschw.-mittel
	N	E	S	W	N-S	E-W	φ°	R	J
1	0.20	0.23	1.75	1.18	—1.55	—0.95	211	1.82	2.90
4	0.16	0.22	1.65	1.08	—1.48	—0.86	210	1.71	2.60
7	0.20	0.25	1.76	1.12	—1.56	—0.87	209	1.79	2.84
10	0.19	0.25	1.74	1.08	—1.55	—0.83	208	1.75	2.82
13	0.16	0.26	1.79	1.09	—1.63	—0.83	207	1.83	2.77
16	0.13	0.28	1.73	1.13	—1.59	—0.85	208	1.81	2.77
19	0.10	0.25	1.71	1.07	—1.61	—0.82	207	1.81	2.67
22	0.18	0.25	1.77	1.17	—1.59	—0.93	210	1.84	2.85
Mitt.	0.17	0.25	1.74	1.11	—1.57	—0.87	209	1.79	2.78

## Dezember 1917.

Datum	Niederschläge mm.		Ver- dunstung mm.	Embach- stand cm.	B e m e r k u n g e n	cm.
	7h—21h	21h—7h				
1	—	2.5	0.0	122	*p, n.	☒ 2
2	2.8	—	0.0	123	●a, p.	☒ 3
3	—	—	0.6	125		☒ 3
4	0.0	—	0.0	134	* <sup>0</sup> a	☒ 3
5	—	—	0.2	135		☒ 3
6	3.2	1.2	0.0		*a, p, n.	☒ 2
7	0.4	1.1	0.0		*, ●13 <sup>h</sup> 10 <sup>m</sup> mit Unterbrech.—21 <sup>h</sup> ;	☒ 2
8	—	—	0.2		[*n.; ☐21 <sup>h</sup> .	☒ 2
9	0.1	—	0.2		*, Δa.	☒ 2
10	—	—	0.1		≡a, p.	☒ 2
11	—	—	0.0		∞7 <sup>h</sup> ; ☐p; ≡a, p, n.	☒ 2
12	—	3.1	0.0		☐a, p, n; *n.	☒ 2
13	0.5	0.4	0.3		*17 <sup>h</sup> 48 <sup>m</sup> —n; ● <sup>0</sup> n.	☒ 3
14	—	—	0.1			☒ 2
15	0.8	0.0	0.5		*10 <sup>h</sup> 5 <sup>m</sup> —17 <sup>h</sup> ; * <sup>0</sup> 21 <sup>h</sup> .	☒ 2
16	—	—	0.2	E i s d e c k e.	Δn.	☒ 3
17	—	2.5	0.0		☐p; *n.	☒ 3
18	0.7	—	0.0		*a; ☐, ≡p.	☒ 4
19	—	0.0	0.0		* <sup>0</sup> n.	☒ 5
20	0.0	—	0.2		* <sup>0</sup> p.	☒ 2
21	—	0.0	0.0		* <sup>0</sup> , ☐n.	☒ 2
22	0.0	—	0.2		* <sup>0</sup> a.	☒ 2
23	—	0.5	0.0		*n.	☒ 2
24	—	—	0.2			☒ 2
25	—	—	0.2			☒ 2
26	0.4	—	0.0		*a.	☒ 2
27	—	2.1	0.0		*n.	☒ 2
28	3.3	—	0.0		*a, p.	☒ 6
29	—	—	0.0			☒ 11
30	0.5	0.5	0.0		Vn; *p, n.	☒ 14
31	0.5	0.1	0.0		*12 <sup>h</sup> —13 <sup>h</sup> , n; * <sup>0</sup> 13 <sup>h</sup> —21 <sup>h</sup> .	☒ 15

m i t t e l.

Luft- druck	Tempe- ratur	Relative Feuchtig- keit	Bewölkung	Stunden
54.22	—5.62	89	—	1
54.17	—5.52	89	—	4
54.14	—5.05	89	8.7	7
54.56	—4.73	89	8.6	10
54.43	—3.96	89	8.3	13
54.45	—4.30	89	8.8	16
54.45	—4.63	89	8.6	19
54.53	—5.09	89	8.1	22
54.37	—4.86	89	8.5	Mitt.

Stunde.	Luftdruck (700 mm +)	Temperatur C°.	Bewölkung.	Windkomponenten.						Richtung q°.	Resultante R.	Wind- geschw. J.
				N	E	S	W	N-S	E-W			
1	53.18	1.98	—	0.44	0.50	1.02	1.38	-0.59	-0.87	236	1.05	2.91
4	53.04	1.30	—	0.41	0.52	1.02	1.36	-0.61	-0.84	234	1.04	2.85
7	53.03	2.27	7.1	0.45	0.60	1.02	1.42	-0.57	-0.82	235	1.00	3.03
10	53.21	3.95	7.1	0.59	0.69	1.10	1.53	-0.51	-0.84	239	0.99	3.39
13	53.11	5.85	7.6	0.67	0.77	1.11	1.60	-0.44	-0.83	242	0.94	3.54
16	52.99	5.89	7.4	0.66	0.73	0.99	1.57	-0.33	-0.84	249	0.90	3.38
19	53.06	4.61	6.9	0.52	0.65	0.93	1.40	-0.41	-0.75	241	0.85	3.03
22	53.18	3.06	6.2	0.45	0.54	1.01	1.40	-0.56	-0.86	237	1.03	2.95
Mitt.	53.10	3.61	7.1	0.52	0.63	1.03	1.46	-0.50	-0.83	239	0.97	3.13

## Zusammenstellung nach Monaten.

Monat.	Luftdruck (700 mm +)	Windkomponenten.						Richtung q°.	Feuchtigkeit.			Verdunstung mm	Niederschlag mm	Anzahl der Tage mit Niedersch.
		N	E	S	W	N-S	E-W		Abso- lute.	Com- plet.	Rela- tiv. %			
Januar	54.22	0.44	0.79	0.57	0.97	-0.13	-0.19	234	2.05	0.26	87	1.2	32.7	24
Februar	53.18	0.47	0.41	1.02	2.14	-0.55	-1.74	253	1.61	0.45	79	3.4	19.2	22
März	53.40	0.76	1.27	0.68	0.94	0.07	0.32	77	1.71	0.53	75	6.6	25.5	21
April	48.94	0.48	0.99	1.12	1.56	-0.65	-0.57	221	4.31	1.38	77	22.7	35.8	20
Mai	57.10	0.70	0.33	0.76	2.52	-0.06	-2.19	269	5.29	3.82	62	64.9	53.3	10
Juni	58.01	0.51	0.53	0.60	1.49	-0.09	-0.97	265	10.32	6.23	67	71.3	55.9	11
Juli	52.74	1.39	0.81	0.11	1.02	1.28	-0.21	351	9.40	4.42	71	54.4	55.4	10
August	53.94	0.50	0.86	0.60	0.58	-0.10	0.29	109	12.56	2.82	84	37.2	99.5	21
Septemb.	49.83	0.40	0.15	1.30	2.55	-0.91	-2.40	249	8.69	1.49	86	28.7	65.4	19
Oktober	52.79	0.04	0.64	2.15	1.04	-2.11	-0.40	191	6.73	0.95	89	23.4	69.4	17
Novemb.	48.46	0.43	0.46	1.66	1.67	-1.21	-1.23	224	4.55	0.64	88	8.4	43.9	18
Dezemb.	54.37	0.17	0.25	1.74	1.11	-1.57	-0.87	209	2.99	0.36	89	3.2	27.2	16
Jahr	53.08	0.52	0.62	1.03	1.47	-0.50	-0.85	239	5.85	1.95	79	325.4	583.2	209

Monat.	Temperatur.							Anzahl der Tage mit			Bewölkung.
	Mittel	Extreme		Mittleres Tages-				Max. ≤ 0°	Min. ≤ 0°	Gewit- ter.	
		Max.	Min.	Max.	Min.	Mittl. Max. Min.	Aufs Mit. corr.:				
Januar	− 10.05	0.2	− 25.2	− 6.52	− 13.75	− 10.14	0.09	30	31	—	9.1
Februar	− 12.92	2.1	− 29.7	− 8.48	− 17.25	− 12.86	− 0.06	24	28	—	6.6
März	− 10.79	3.3	− 23.8	− 5.86	− 15.68	− 10.77	0.02	26	31	—	5.7
April	2.57	16.3	− 5.6	6.68	− 0.54	3.07	− 0.50	—	15	—	8.3
Mai	8.17	28.5	− 3.4	13.78	2.48	8.13	0.04	—	15	1	5.8
Juni	17.99	32.9	4.4	24.13	12.40	18.26	− 0.27	—	—	5	4.8
Juli	15.45	28.4	4.1	20.30	10.60	15.45	0.00	—	—	1	6.5
August	17.33	29.0	8.7	22.89	13.33	18.11	− 0.78	—	—	5	6.4
Septemb.	11.11	21.6	1.4	15.74	7.51	11.63	− 0.52	—	—	—	7.0
Oktober	6.97	17.4	− 2.0	10.35	4.17	7.26	− 0.29	—	3	—	7.0
Novemb.	1.39	7.0	− 8.0	3.30	− 0.90	1.20	0.19	4	17	—	8.9
Dezemb.	− 4.86	2.6	− 16.0	− 2.20	− 8.15	5.18	0.32	24	30	—	8.5
Jahr	3.53	32.9	− 29.7	7.84	− 0.48	3.68	− 0.15	108	170	12	7.1

## 1917. Zusammenstellung nach Monaten.

## F e u c h t i g k e i t.

Monat.	Absolute (mm)				Completive (mm)				Relative %			
	7h	13h	21h	Mitt.	7h	13h	21h	Mitt.	7h	13h	21h	Mitt.
Januar	1.96	2.12	2.06	2.05	0.24	0.28	0.26	0.26	87	87	87	87
Februar	1.51	1.59	1.73	1.61	0.32	0.63	0.40	0.45	81	74	81	79
März	1.52	1.85	1.77	1.71	0.26	0.81	0.51	0.53	84	67	75	75
April	4.23	4.32	4.39	4.31	0.74	2.39	0.99	1.38	85	66	81	77
Mai	5.14	5.41	5.33	5.29	2.50	5.94	3.03	3.82	69	51	64	61
Juni	10.21	10.01	10.72	10.32	4.22	9.61	4.87	6.23	72	55	70	66
Juli	9.51	9.34	9.34	9.40	2.62	6.71	3.93	4.42	79	60	71	70
August	12.36	12.80	12.53	12.56	1.13	5.31	2.04	2.82	92	73	87	84
September	8.52	8.98	8.56	8.69	0.59	2.96	0.94	1.49	93	76	90	86
Oktober	6.49	7.00	6.71	6.73	0.47	1.66	0.72	0.95	93	81	90	88
November	4.45	4.73	4.47	4.55	0.55	0.72	0.63	0.64	89	86	87	88
Dezember	2.91	3.13	2.94	2.99	0.35	0.37	0.37	0.36	89	89	89	89
Jahr	5.73	5.94	5.88	5.85	1.17	3.12	1.56	1.95	84	72	81	79

## E x t r e m e.

Monat.	Luftdruck				Verdunstung				Niederschlag	
	Maximum		Minimum		Maximum		Minimum		Maximum	
	700mm +	Zeit.	700mm +	Zeit.	mm	Datum	mm	Datum	mm	Datum
Januar	73.3	20, 2h	31.3	5, 9h	0.1	11 mal	0.0	20 mal	8.2	5
Februar	67.5	4, 10h	33.6	10, 20h	0.8	14	0.0	17 "	2.7	15
März	68.0	3, 11h	37.2	14, 21h	0.7	26	0.0	5 "	8.3	30
April	56.9	23, 22h	36.7	17, 19h	2.1	13	0.2	5 "	5.4	3
Mai	73.1	13, 7h	40.2	6, 14h	5.2	14	0.5	16 "	21.7	15
Juni	64.5	14, 10h	49.6	6, 15h	6.0	22	0.2	7	24.6	6
Juli	60.2	13, 8h	46.5	23, 8h	3.9	13	0.3	22	16.8	21
August	60.4	1, 8h	47.5	31, 7h	3.2	1	0.2	10, 23, 30	31.1	23
September	63.9	8, 8h	38.7	13, 23h	2.0	9	0.0	1, 21	12.7	4
Oktober	68.6	21, 10h	31.3	5, 6h	2.0	2	0.1	25, 30	18.5	30
November	66.4	4, 22h	17.3	25, 11h	0.6	3 mal	0.0	5 mal	10.0	27
Dezember	69.0	11, 19h	27.3	3, 8h	0.6	3	0.0	18 "	4.4	6
Jahr	73.3	20 I 2h	17.3	25 XI 11h	6.0	22 VI	0.0	67 mal	31.1	23 VIII

Von den Wasserhöhen der Niederschläge kommen auf Schnee im Jahre 1917 158.6 mm., und zwar: im Januar 32.6, Februar 19.2, März 25.5, April 21.2, Mai 11.6, November 24.1, Dezember 24.4.

In den Pentaden Schnee:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	10.3	2.6	15.9	0.3	1.8	1.5	0.4	5.0	0.8	6.1	1.5	9.5	0.6	3.2	4.7	0.5	1.4	11.2
	19	20	21	23	24	25	26	64	65	66	67	68	69	70	71	72	73	
	8.2	1.3	2.3	1.1	8.3	0.8	10.8	0.1	9.6	2.9	14.0	4.4	1.6	4.8	3.2	0.9	7.0	

Von den 12 Gewittertagen entfielen je zwei auf die Pentaden 32, 36, 47 und je einer auf die Pentaden 30, 37, 39, 44, 45, 49.

Temperatur: Maximum 32.09 am 21. Juni 14h; Minimum — 29.07 am 4. Februar 9h; Differenz 62.06 in 137 Tagen. Letzter Nachtfrost am 22. Mai; erster Nachtfrost nach 132 Tagen am 1. Oktober.

Pentaden.	Luftdruck (700 mm +)	Temperatur C°	Bewölkung	Wind. Geschw. Met./Sek. Richt. N. über E.							Feuchtigkeit.		Nieder- schlag.		Anzahl der Tage mit Niederschl.	Verdunstung
				Komponenten.				Resultante			Absolute	Komplet.	7h—21h	21h—7h		
				N	E	S	W	Grösse m/sec	Richt. g°							
1	44.50	—11.58	8.1	0.36	1.75	1.18	0.41	1.57	121	1.69	0.29	8.6	1.7	5	0.1	
2	52.43	—10.56	8.2	0.08	0.98	1.06	1.42	1.08	204	1.81	0.32	0.6	2.0	4	0.2	
3	47.94	— 5.58	8.4	0.45	1.22	0.33	0.02	1.20	84	2.88	0.26	9.5	6.4	5	0.2	
4	63.34	—14.27	6.7	0.34	0.33	0.17	1.36	1.04	280	1.48	0.18	0.0	0.4	2	0.2	
5	61.79	— 5.73	8.3	0.80	0.16	0.18	1.94	1.88	289	2.74	0.30	1.8	—	3	0.3	
6	55.49	—11.33	6.9	0.70	0.42	0.16	0.63	0.58	339	1.89	0.17	0.5	1.0	4	0.2	
7	58.68	—19.76	5.1	0.18	0.39	1.36	1.06	1.36	210	0.81	0.27	0.3	0.1	2	0.0	
8	56.55	—15.96	7.1	0.14	0.50	0.70	1.92	1.52	249	1.55	0.23	3.7	1.3	5	0.0	
9	43.18	— 5.10	8.1	0.24	0.00	1.05	4.29	4.36	259	2.28	1.00	0.6	0.2	4	2.1	
10	53.25	—15.14	5.4	1.03	0.46	0.76	1.79	1.36	281	1.07	0.37	3.5	2.6	4	0.3	
11	56.90	—16.75	5.1	0.70	0.20	1.12	2.08	1.93	257	1.17	0.21	0.9	0.6	4	0.1	
12	51.50	— 4.17	9.6	0.33	0.99	1.41	1.12	1.09	173	2.84	0.60	6.3	3.2	5	1.0	
13	63.64	—15.72	4.7	1.12	2.38	0.27	—	2.53	70	1.01	0.32	0.4	0.2	3	0.3	
14	54.65	—11.19	4.9	1.32	2.80	0.24	0.36	2.67	66	1.60	0.47	2.6	0.6	3	0.4	
15	53.06	—12.19	5.1	0.68	0.83	0.62	1.71	0.88	273	1.43	0.51	3.8	0.9	4	0.7	
16	49.48	—13.83	4.7	1.01	0.68	0.50	1.20	0.73	314	1.15	0.49	0.1	0.4	3	0.7	
17	52.23	— 8.00	7.2	0.28	0.66	1.47	2.10	1.87	230	2.39	0.56	0.9	0.5	4	2.1	
18	46.46	— 4.70	6.5	0.28	0.26	0.89	0.49	0.65	200	2.57	0.83	2.9	8.3	3	2.3	
19	49.02	1.18	9.2	0.25	0.62	1.60	1.61	1.68	216	4.19	0.90	6.7	5.3	4	2.3	
20	48.88	1.08	9.2	0.75	1.25	0.56	0.65	0.63	73	4.28	0.70	0.7	2.9	3	1.6	
21	50.16	2.93	5.8	0.00	0.60	2.33	1.89	2.66	209	4.01	1.68	1.7	1.5	3	6.4	
22	46.95	4.66	8.4	0.13	1.70	1.03	1.39	0.95	161	5.18	1.47	4.5	—	1	4.1	
23	52.35	5.88	9.1	0.82	1.14	0.38	1.36	0.49	333	5.21	1.93	4.1	0.1	4	4.4	
24	46.26	— 0.29	8.2	0.92	0.60	0.85	2.43	1.84	272	2.99	1.57	6.2	2.1	5	3.9	
25	54.40	3.56	5.3	0.73	0.01	0.96	2.98	2.98	266	3.77	2.53	0.7	0.1	2	6.9	
26	51.15	3.58	7.7	0.39	0.31	0.69	3.49	3.19	265	4.20	2.22	20.5	0.9	4	8.9	
27	65.65	7.38	5.4	0.36	0.45	1.48	1.32	1.42	218	4.63	3.60	3.2	18.5	1	12.0	
28	55.62	5.81	6.8	1.19	0.12	0.44	2.75	2.74	286	4.63	2.38	7.9	—	2	8.8	
29	57.88	10.33	3.9	1.30	0.37	0.23	2.36	2.26	298	5.72	4.80	—	—	—	12.4	
30	59.07	16.47	5.5	0.38	0.80	0.51	1.90	1.12	263	7.94	7.11	1.2	0.3	1	12.3	
31	57.12	15.73	4.4	0.31	0.66	0.68	1.93	1.33	254	8.17	5.77	3.2	0.9	2	11.0	
32	56.07	12.53	6.8	0.81	0.36	0.41	1.76	1.47	286	8.97	2.31	16.6	19.2	3	6.0	
33	61.65	16.74	3.3	1.37	0.82	0.12	0.50	1.29	14	8.62	6.43	—	—	—	11.2	
34	58.11	20.19	3.1	0.11	—	0.64	3.01	3.06	260	11.32	7.37	—	—	—	17.1	
35	55.20	22.93	3.8	0.07	0.13	1.27	1.72	2.00	233	11.71	10.25	0.2	0.1	2	19.5	
36	58.99	19.05	6.6	0.37	1.08	0.62	0.61	0.53	119	12.01	5.11	5.5	6.9	3	7.7	
37	54.82	17.13	5.6	2.08	1.12	0.25	0.78	1.86	11	9.79	5.81	2.8	0.5	1	11.7	
38	53.35	10.97	4.2	0.73	0.24	0.24	2.26	2.08	284	6.71	3.73	1.5	7.0	2	9.8	
39	55.13	16.74	6.8	2.68	1.86	0.01	0.18	3.15	32	9.07	6.07	0.1	1.5	2	14.0	
40	51.85	17.56	5.4	0.79	0.88	0.21	1.52	0.86	312	12.10	3.53	11.5	2.9	3	6.2	



1917.

Pentaden.

Pentaden.	Luftdruck (700 mm +)	Temperatur C°	Bewölkung	Wind. Geschw. Met./Sek. Richt. N. über E.						Feuchtigkeit.		Nieder- schlag.		Anzahl der Tage mit Niederschl.	Verdunstung
				Komponenten.				Resultante		Absolute	Komplet.	7h—21h	21h—7h		
				N	E	S	W	Grösse m/sec	Richt. °.						
41	48.41	15.57	6.9	1.42	0.82	0.08	0.42	1.40	17	10.35	3.27	11.4	19.4	2	4.5
42	52.02	13.96	5.9	0.95	0.16	0.03	1.22	1.40	311	9.03	3.40	—	0.1	1	5.7
43	57.58	19.94	3.5	0.21	0.81	0.39	0.27	0.57	108	11.97	6.12	—	0.1	1	11.7
44	54.88	16.29	7.4	1.06	1.82	0.16	0.04	2.00	64	11.59	3.32	5.0	14.6	4	6.7
45	50.72	18.68	6.2	0.48	0.56	0.19	0.65	0.30	342	14.60	1.89	6.0	0.5	3	3.6
46	53.80	18.24	5.4	0.12	0.65	0.80	0.98	0.76	206	13.17	2.85	5.3	7.3	4	6.5
47	56.32	17.29	7.6	0.90	0.72	0.37	0.60	0.54	12	12.43	2.69	33.9	13.6	3	5.4
48	53.76	16.20	5.6	0.34	0.55	0.90	0.93	0.67	215	11.60	2.79	2.6	2.8	3	5.8
49	50.84	14.70	7.2	0.01	0.47	1.61	0.63	1.61	186	11.31	1.46	8.1	2.2	5	3.3
50	52.23	11.86	6.6	1.31	0.07	0.14	2.38	2.58	297	9.03	1.68	13.0	7.4	3	3.7
51	53.85	10.95	5.2	0.19	0.17	1.54	2.15	2.40	236	8.39	1.80	1.8	1.0	3	5.6
52	44.20	10.21	6.9	0.25	0.35	1.23	1.81	1.76	236	8.28	1.09	10.5	1.4	5	4.2
53	47.03	10.86	7.6	0.16	0.17	1.66	2.82	3.04	241	8.89	1.01	10.1	6.4	4	3.6
54	50.01	11.28	7.1	0.32	0.00	1.78	3.44	3.74	247	8.93	1.54	11.0	0.2	1	6.7
55	53.90	7.83	7.1	0.24	—	1.45	3.30	3.52	250	6.71	1.55	0.1	—	1	6.2
56	44.80	9.74	5.9	0.02	0.00	2.38	2.42	3.38	226	7.81	1.21	9.4	6.2	3	6.2
57	44.88	5.64	6.3	0.09	1.35	1.40	0.38	1.64	217	6.35	0.69	7.8	6.2	4	4.9
58	54.90	8.78	5.2	0.04	0.36	2.00	0.98	2.05	197	7.33	1.39	—	0.4	1	3.4
59	63.44	7.24	8.6	0.00	0.64	1.84	0.71	1.84	182	7.13	0.59	1.0	5.7	3	2.1
60	49.01	5.01	8.0	—	0.69	3.20	0.64	3.20	179	6.00	0.62	4.4	2.4	3	2.9
61	59.88	5.13	7.5	—	1.13	2.48	0.42	2.58	164	5.73	1.01	15.2	11.8	4	2.1
62	63.10	3.68	9.8	0.34	0.18	1.41	0.44	1.10	194	5.31	0.69	—	2.6	2	1.4
63	52.45	3.54	9.0	—	1.38	2.70	0.26	2.93	157	5.24	0.78	1.0	6.9	4	1.6
64	52.74	2.69	7.8	0.10	0.03	1.65	2.16	2.63	234	5.00	0.57	1.4	1.2	3	1.8
65	44.76	0.97	8.9	0.72	0.41	0.93	2.12	1.72	263	4.33	0.64	15.3	—	2	1.0
66	34.92	— 1.70	8.4	0.88	0.35	1.13	2.47	2.14	263	3.63	0.53	2.5	0.4	3	1.0
67	39.75	— 2.10	9.0	0.54	0.27	1.99	2.79	2.90	240	3.47	0.59	4.6	9.4	4	1.2
68	46.31	— 5.13	6.2	0.50	0.17	1.58	1.58	1.77	232	2.93	0.37	6.0	1.2	2	0.8
69	56.56	— 2.20	9.4	—	0.12	2.64	1.03	2.79	198	3.51	0.47	0.5	1.1	2	0.5
70	47.86	— 3.71	8.5	0.46	0.24	1.47	1.36	1.50	228	3.33	0.37	1.3	3.5	3	1.1
71	59.24	— 6.34	8.0	—	0.06	1.85	0.93	2.05	205	2.63	0.31	0.7	2.5	2	0.2
72	53.33	— 7.77	8.5	0.00	0.78	2.27	1.01	2.28	185	2.31	0.37	0.4	0.5	2	0.6
73	64.01	— 4.16	9.9	0.06	0.06	0.63	0.75	0.90	230	3.23	0.22	4.3	2.7	4	0.0
Mitt.	53.10	3.61	6.8	0.52	0.63	1.03	1.46	0.97	239	5.88	1.95	340.4	242.8	209	325.4

1917.

## Sonnenscheindauer in % ihrer möglichen Dauer.

Datum.	Januar.	Febr.	März.	April.	Mai.	Juni.	Juli.	August	Sept.	Okt.	Nov.	Dez.
1	21	20	—	69	75	89	81	87	38	79	—	—
2	—	59	78	31	43	89	86	58	51	—	—	—
3	—	48	86	—	34	51	44	90	43	53	—	65
4	—	70	70	16	88	—	51	87	38	2	—	10
5	—	—	68	33	47	72	88	55	—	33	—	90
6	22	—	56	54	31	18	83	7	74	—	—	—
7	3	45	77	6	56	—	34	—	85	66	—	—
8	—	64	83	—	74	13	77	22	76	77	69	—
9	5	—	13	—	74	87	94	50	54	53	—	—
10	—	51	5	—	30	89	76	14	44	—	—	—
11	—	—	69	44	76	84	11	28	80	—	—	—
12	—	2	81	70	84	92	97	66	14	—	14	—
13	—	76	51	61	87	86	93	26	—	29	73	—
14	—	50	—	29	69	85	63	29	55	49	—	3
15	—	39	46	78	—	89	—	79	11	40	3	—
16	—	24	82	55	29	88	34	53	52	34	—	33
17	—	61	24	10	71	82	2	—	26	74	—	—
18	42	78	69	3	63	71	87	93	17	25	—	12
19	—	—	77	73	67	79	98	69	61	—	57	—
20	22	40	73	36	51	72	78	77	36	—	—	—
21	—	48	80	55	87	77	10	27	2	—	—	59
22	27	38	—	57	87	83	—	38	65	—	—	—
23	12	78	80	—	81	53	13	—	20	—	11	9
24	—	—	—	69	87	88	14	85	53	—	—	—
25	—	62	36	21	81	29	—	56	—	—	—	—
26	—	51	—	65	85	22	4	40	22	—	21	56
27	—	—	—	—	82	83	18	41	66	14	—	—
28	4	—	81	18	71	72	79	29	8	—	—	—
29	—	—	78	68	84	50	83	30	15	—	4	—
30	57	—	84	18	68	56	94	—	56	62	40	—
31	—	—	—	—	81	—	91	58	—	92	—	—
Monat.	7	36	48	35	66	65	54	45	36	26	9	11
Stunde.	Januar.	Febr.	März.	April	Mai.	Juni.	Juli.	August	Sept.	Okt.	Nov.	Dez.
1	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	13	35	38	67	—	—	—	—
5	—	—	—	8	63	68	50	36	—	—	—	—
6	—	—	3	16	80	73	60	47	5	13	—	—
7	—	4	37	35	85	76	60	51	27	16	—	—
8	2	28	59	46	87	72	60	57	38	22	1	—
9	4	45	62	49	86	77	65	52	44	30	8	4
10	8	58	64	52	82	80	59	55	43	34	13	9
11	13	57	67	54	80	74	65	53	48	38	15	12
12	12	58	68	56	82	73	62	45	55	28	14	17
13	12	51	67	57	79	77	57	55	52	31	12	19
14	7	41	60	51	78	80	60	59	53	31	12	9
15	1	24	58	45	77	79	56	57	37	22	2	3
16	—	11	48	32	71	78	54	50	32	14	1	—
17	—	—	28	25	68	76	56	36	25	—	—	—
18	—	—	5	13	69	77	58	22	4	—	—	—
19	—	—	—	2	52	61	46	12	—	—	—	—
20	—	—	—	—	5	25	22	—	—	—	—	—
21	—	—	—	—	—	0	1	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—
Monat.	7	36	48	35	66	65	54	45	36	26	9	11

## Konstanten.

Geographische Koordinaten des Meteorologischen Observatoriums

Breite 58° 22' 41" N

Länge 1<sup>h</sup> 46<sup>m</sup> 53<sup>s</sup>.0 E. Gr.

Seehöhe des Nullpunktes des Barometers

74.5 m.

Reduktion der Barometerstände auf die normale Schwere

0.9 mm.

Formel des Assmann'schen Psychrometers

$$f = F' - 0.5 (t - t') \frac{b}{755}$$

Korrekturen des Haarhygrometers des Physikalischen Zentral-Observatoriums № 317 für die Zeit vom 1. Januar bis zum 31. Mai 1917 auf Grund von 467 Vergleichen mit dem Assmann'schen Psychrometer im Zeitraum vom 1. Januar bis zum 31. Mai 1917.

89—100%	0	57—61%	6
83—88	1	54—56	7
81—82	2	44—53	8
78—80	3	37—43	9
65—77	4	34—36	10
62—64	5	29—33	11

Korrekturen des Haarhygrometers Müller № 22259 für die Zeit vom 1. Oktober bis zum 31. Dezember 1917 auf Grund von 337 Vergleichen mit dem Assmann'schen Psychrometer im Zeitraum vom 1. Aug. bis zum 31. Dez. 1917.

100%	0	72—76%	0
96—99	1	65—71	1
84—95	0	56—64	2
81—83	1	45—55	3
78—80	2	42—44	2
77	1	41	1

Formel des Anemographen v. Oettingen-Schultze № 4. Der in 1 Sek. zurückgelegte Weg in m., wo  $n$  die Anzahl der Kontakte in 3 Stunden ist.

$$v = 0.4 + 0.075 n$$

## Meteorologische Zeichen.

● Regen.

\* Schnee.

△ Graupeln.

▲ Hagel.

≡ Nebel.

⦿ Tau.

□ Reif.

∇ Raufrost.

∞ Glatteis.

← Eisnadeln.

⊕ Schneegestöber.

☒ 1, ☒ 2... Schneedecke 1,2 cm. dick.

⚡ Gewitter.

T Donner.

< Blitz.

⚡ Nordlicht.

⌒ Regenbogen.

⊕ Sonnenring.

⊙ Sonnenhof.

|·| Säulen neben der Sonne.

☾ Mondring.

☾ Mondhof.

∞ Höhenrauch.

a Morgen 7<sup>h</sup>—13<sup>h</sup>.

p Abend 13<sup>h</sup>—21<sup>h</sup>.

n Nacht 21<sup>h</sup>—7<sup>h</sup>.

## Ergänzende Beobachtungen.

## I. Wolkenbeobachtungen.

## 1. R a d i a t i o n s p u n k t.

Februar		18 9h		19h	
2 21h	N—S(CiS)	21 16h	NNE—SSW(CiS)	21h	SW—NE(Ci, CiS)
4 10h	NNE—WSW(Ci)	22 7h	NNE—SSW(Ci)	13 7h	SW—NE(Ci)
19h	ESE(CiS)	10h	N(CiS)	11h	SW—NE(CiS)
13 13h	NW(Ci)	23 7h	WSW—ENE(Ci)	19h	SSW—ENE(Ci)
14h	NNE(Ci)	25 8h30m	NW—SE(CiS)	22h	SW—ENE(Ci)
16h	N(St)	10h	NW—SE(Ci, CiS)	30 7h	N—S(Ci)
14 13h	SW—ENE(CiS)	19h—21h	W—E(CiS)	20h	NW—SE(Ci)
15 11h	N—S(CiS, Ci)	26 7h	W—E(CiS, Ci)	31 7h	NW—SE(Ci)
19 7h	N—S(St)	19h	W(Ci)	10h	NW—SE(CiS, CiCu)
21 7h	W—E(AS)	27 8h	E(CiS)	19h	NW—SE(Ci)
26 7h	N—S(CiS)	19h	WSW—ENE(CiS)		
8h 30m	N—S(CiCu)	29 8h	N—S(ACu)	August	
10h	N—S(CiS)	31 21h	WSW—NE(CiS)	1 7h	NW—SE(Ci)
März		Juni		9h	WSW—SE(Ci)
7 7h	NW—SE(St)	3 7h	NW—SSE(CiS)	19h	WNW SE(CiCu)
10h	NW—SE(CiS)	9 7h	W—ESE(Ci, CiCu)	4 16h	WSW—ENE(Ci)
11 10h	NNW—SSE(CiCu)	11 7h	W—E(CiS)	19h	SW—NE(Ci); WSW—
29 7h	SW—ENE(CiS)	10h—13h	WSW—ENE(CiS)	21h	(ENE(CiS, SCu))
16h	WSW—ENE(CiS)	19h	SW—ENE(Ci)	WSW—ENE(CiCu)	
30 17h	NNW—SSE(CiS)	21h	W—ENE(Ci)	5 16h	SW—NE(Ci)
April		12 7h	NNE—SSW(CiS)	12 20h	ESE(AS)
12 14h	W—E(CiS)	8h	N—SSW(CiS)	13 7h	NW—SE(ACu)
16h	E(CiS)	13 16h	WSW—ENE(Ci)	15 19h	NNW—SSE(CiCu)
16 10h	W—E(CiS)	15 7h	NNE—SSW(Ci)	17 11h 20m	WSW(CiS)
19 19h	WSW(AS)	16 7h	E(CiS)	19h	SSW(Ci)
20 14h 30m	ENE(ACu)	13h	NW(Ci)	20 7h—10h	N—S(CiS)
21h	SW—ENE(CiS)	21h	N(Ci)	21h	E(Ci)
24 19h	SW(CiS)	17 20h	NNE—SW(AS)	22 10h	WSW—ENE(CiS)
Mai		21 7h	NE—SW(CiS)	25 7h	N—S(CiS, CiCu)
3 18h—19h	NNW—SSE(Ci)	16h	NNE(Ci)	10h	N—S CiS, CiCu; NW—
4 19h	N(Ci, St)	23 16h	N—S(Ci)	28 10h	W—E(Ci) [SE(Ci)
20h	N—S(St)	24 21h	N(CiCu)	19h	NE(Ci)
5 9h	NNE—SSW(Ci)	28 19h	NE—SSW(ACu)	29 13h	W—E(CiS)
9 19h	E(CiS)	29 13h	NE(CiCu)	21h	N—SSE(Ci)
21h	E—WSW(St)	30 7h	NNE—SSW(ACu)	22h	WNW—ESE(CiS)
22h	ENE—WSW(St)	8h	NNE—SSW(CiS)	31 17h	SW—NE(CiS)
13 15h	NNE—SSW(Ci)	Juli		September	
19h	N—S(Ci)	3 7h	NNE—SSW(CiS)	4 10h	WNW—ESE(CiCu)
14 7h	N—S(Ci)	4 8h	SSW(CiS)	8 8h	NNW(CiS)
10h	N—S(CiS)	9 7h	W(CiCu)	~ 19h	NNE—SSW(ACu)
16 21h—22h	NNE(CiS)	10 7h—9h	WSW—ENE(Ci)	9 19h	NNE—SSW(Ci)
17 7h—9h	W—E(CiS)	19h	SSW—NNE(CiS)	12 6h	W—E(Ci)
13h	WSW—ENE(CiS)	12 7h	SW—NE(Ci)	16 7h	NNE—SSW(ACu)
16h	ENE(Ci)	10h	SW(Ci)	17 16h	NE—SW(CiS)
		16h	SW(CiS)	29 16h	NE—SW(CiS)

## 2. Terminbeobachtungen.

Stunde	W o l k e n									
	Grad	Form	Rich- tung	Grad	Form	Rich- tung	Grad	Form	Rich- tung	Form
1. März										
7	10	Nb	—	0	—	—	0	Nb	NNW	—
8	10	Nb	—	0	—	—	9	SCu	NNW	—
9	10	Nb	—	0	—	—	10	Nb	—	—
10	10	Nb	—	0	—	—	9	SCu	NNW	—
11	10	Nb	—	1	FrCu	—	10	SCu	NNW	—
12	10	St	—	1	FrCu	—	10	SCu	NNW	—
13	10	St	—	0	—	—	9	SCu	N	—
14	10	St	—	4	ClS, ClCu	W	9	SCu	—	—
15	10	St	—	3	ClS	—	8	SCu	—	—
16	10	Nb	—	5	ClS	—	7	SCu	—	—
17	10	Nb	—	2	ClS	—	8	Cu	—	—
18	10	Nb	—	10	St	—	8	Cu, Cl	NNW	—
19	10	Nb	—	10	St	—	6	Cu, Cl	NNW	—
20	10	Nb	—	10	St	—	1	FrCu	—	—
21	10	Nb	—	10	St	—	2	SCu	—	—
22	10	Nb	—	10	St	—	7	ACu	—	—
12. April										
3. Mai										
4. Juni										
5. Juni										
7	7	FrSt	—	10	SCu	—	10	SCu	—	—
8	4	FrSt, ClS	—	10	SCu	—	10	SCu	—	—
9	2	ClS, Cl	—	10	St	—	10	St	—	—
10	3	ClS, Cl	—	10	SCu	—	10	SCu	—	—
11	4	ClS, FrCu	WSW	10	Nb	W	10	Nb	W	WSW
12	4	FrCu	WSW	10	Nb	—	10	Nb	—	—
13	5	Cu	—	10	Nb	—	10	Nb	—	—
14	7	Cu	—	10	Nb	—	10	Nb	—	WSW
15	7	Cu	—	10	Nb	—	10	Nb	—	SSW
16	7	Cu	—	10	Nb	—	10	Nb	—	SW
17	2	FrCu	—	10	Nb	W	10	Nb	—	—
18	2	SCu, FrCu	—	10	St	—	10	St	—	—
19	7	SCu, FrCu	—	10	St	—	10	St	—	—
20	1	SCu, ClS	—	10	Nb	—	10	Nb	—	—
21	1	ClS	—	10	Nb	—	10	Nb	—	—
22	1	ClS	—	10	Nb	—	10	Nb	—	—
6. Juni										
7	10	Nb	SW	10	Nb	WNW	10	St	—	—
8	10	SCu, FrSt	SW	10	Nb	WNW	10	SCu	—	—
9	10	Nb	—	10	Nb	—	10	SCu	—	—
10	10	SCu	WSW	10	Nb	WNW	10	SCu	—	—
11	10	Nb	WSW	10	St	W	10	SCu	—	—
12	10	Nb	—	10	Nb	—	10	SCu	—	—
13	10	Nb	WSW	10	Nb	—	10	SCu	—	—
14	10	SCu	—	10	St	—	10	SCu	—	—
15	9	St	SW	10	Nb	—	8	Cu	NE	—
16	8	CuNb	—	10	Nb	—	10	SCu	NE	—
17	10	CuNb	WSW	10	Nb	—	9	SCu	NE	—
18	9	CuNb	—	10	Nb	—	8	SCu	ENE	—
19	9	CuNb	WNW	10	Nb	—	8	SCu	ENE	—
20	10	Nb	—	10	St	—	3	FrCu	—	—
21	10	Nb	—	10	St	—	2	FrCu	—	—
22	10	Nb	—	10	St	—	1	FrCu	—	—
7. Juni										
8. Juni										
9. Juni										
5. Juli										
7	1	ACu	—	8	Cl, ClCu	—	8	Cl, ClCu	—	—
8	1	SCu	—	8	ClCu, AS	—	8	ClCu, AS	—	—
9	1	FrCu	—	5	ClCu, AS	—	3	ClCu, AS	—	—
10	0	—	NNE	3	ClCu, ClS	—	8	ClCu, ClS	—	—
11	0	—	—	8	ClS, Cu	—	7	ClS, Cu	—	—
12	1	—	NE	6	Cu, Cl	—	6	Cu, Cl	—	—
13	1	—	ENE	3	Cu, ClCu	—	3	Cu, ClCu	—	—
14	2	—	ENE	1	Cu	—	1	Cu	—	—
15	5	—	—	1	Cu	—	1	Cu	—	—
16	4	—	—	0	—	—	0	—	—	—
17	2	FrCu	—	0	—	—	0	—	—	—
18	1	FrCu	—	0	—	—	0	—	—	—
19	0	—	—	0	—	—	0	—	—	—
20	0	—	—	0	—	—	0	—	—	—
21	0	—	—	0	—	—	0	—	—	—
22	0	—	—	1	ClCu	—	1	ClCu	—	—

2. Fortsetzung.

W o l k e n															
Stunde	2. August			6. September			3. Oktober			4. Oktober			5. Oktober		
	Grad	Form	Rich- tung	Grad	Form	Rich- tung	Grad	Form	Rich- tung	Grad	Form	Rich- tung	Grad	Form	Rich- tung
7	10	St	—	0	—	—	10	FrSt	—	1	ACu	—	10	Nb	—
8	9	SCu	—	1	Cu	—	10	FrSt	—	4	St	—	10	Nb	—
9	9	SCu, ACu	—	1	FrCu	NNW	10	CiS	—	8	St	—	10	Nb	—
10	7	SCu, ACu	—	1	Cu	NNW	10	Ci	—	10	St	—	10	CuNb	—
11	4	Cu	E	1	Cu	NNW	6	CiS	—	10	Nb	—	8	Cu	—
12	6	Cu	—	1	FrCu	NNW	3	CiS	—	10	Nb	—	10	FrCu	—
13	7	Cu, SCu	—	1	FrCu	N20W	0	—	—	10	Nb	—	9	CuNb	—
14	5	Cu, Ci	—	2	FrCu	—	0	—	—	10	Nb	—	7	CuNb	—
15	2	Cu, CiS	E	1	FrCu	NNW	0	—	—	10	Nb	—	5	CuNb	—
16	8	Cu, CiS	—	1	FrCu	N37W	0	—	—	10	Nb	—	3	CuNb	—
17	6	ACu, CiS	—	2	FrCu	—	0	—	—	10	Nb	—	0	FrCu	—
18	2	CiS, Cu	—	2	FrCu	—	0	—	—	10	Nb	—	0	—	—
19	1	Ci, Cu	—	2	Cu	—	0	—	—	10	Nb	—	0	—	—
20	1	Cu	—	5	ACu	—	1	Cu	—	10	Nb	—	0	—	—
21	0	—	—	8	ACu	—	3	CuNb	—	8	FrNb	SW	0	—	—
22	0	—	—	8	ACu	—	10	Ci	—	10	CiS	—	0	—	—
5. Dezember													7. Dezember		
7	10	St	S	0	—	—	10	St	—	10	St	—	—	—	—
8	7	SCu	S	0	—	—	10	St	—	10	St	—	—	—	—
9	6	AS, SCu	S	0	—	—	10	St	—	10	St	—	—	—	—
10	6	FrCu	S	0	—	—	10	Nb	—	10	St	—	—	—	—
11	6	Cu	S	0	—	—	10	Nb	—	10	St	—	—	—	—
12	4	FrCu	S5W	0	—	—	10	Nb	—	10	St	—	—	—	—
13	8	SCu, FrCu	S	1	AS	—	10	Nb	—	10	St	—	—	—	—
14	7	FrCu, SCu	S	0	—	—	10	Nb	—	10	Nb	—	—	—	—
15	5	SCu, St	S	0	—	—	10	Nb	—	10	Nb	—	—	—	—
16	3	St	S2E	0	—	—	10	St	—	10	St	—	—	—	—
17	7	St	—	0	—	—	10	St	—	10	Nb	—	—	—	—
18	10	St	—	0	—	—	10	St	—	10	Nb	—	—	—	—
19	10	St	—	0	—	—	10	St	—	10	St	—	—	—	—
20	10	St	—	0	—	—	10	St	—	10	Nb	—	—	—	—
21	10	St	—	0	—	—	10	St	—	10	Nb	—	—	—	—
22	10	St	—	0	—	—	10	St	—	10	Nb	—	—	—	—

### 3. Richtung und Winkelgeschwindigkeit der Wolken, beobachtet mit Hilfe des Finemanschen Nephoskops.

Datum	Stunde	Bewölkung	Form der beob. Wolke	Richtung	Winkelgeschwindigkeit 150 in Sec.	Wind auf dem Turme	
						Richtung	Geschw. m/s
Januar							
23	11h 15m	9 St cumuliformis	St	N 30° E	15	NNE	3.1
Februar							
1	12h 40m	9 Nb	Nb	N 8° W	23	W	2.1
25	10h	⊙ 6 FrCu, SCu	FrCu	N 18° W	24	NW	7.6
März							
15	13h	5 FrCu	FrCu	N 57° W	30	W	4.4
April							
19	13h	⊙ 7 Cu, FrCu	Cu, FrCu	N 85° W	22	W	6.0
	14h 40m	⊙ 7 FrCu, Ci	FrCu	N 80° W	12	W	5.6
26	13h	8 CuNb	CuNb	N 45° W	44	WNW	6.7
29	10h	⊙ 4 Cu	Cu	N 40° W	60	WNW	5.5
Mai							
1	13h	⊙ 8 Cu, CuNb	Cu	N 70° W	28	W	5.8
4	11h	⊙ 1 FrCu	FrCu	N 30° W	30	NW	4.7
	12h	⊙ 1 FrCu	FrCu	N 15° W	43	NW	4.2
5	13h	⊙ 4 FrCu	FrCu	S 55° W	22	SSW	4.4
6	9h 30m	⊙ 9 ACu, FrCu	ACu	S 50° W	12	S	2.3
			FrCu	S 55° W	40	S	2.3
7	13h	9 Cu	Cu	W	25	W	9.0
8	8h 30m	⊙ 5 Cu	Cu	N 70° W	14	W	7.5
	16h	⊙ 7 Cu	Cu	N 68° W	25	W	8.3
17	10h	10 Cu, CiS	Cu	N 60° W	22	WNW	2.2
18	10h	6 Cu, CiS	Cu	N 30° W	37	NW	3.6
21	13h	⊙ 1 FrCu	FrCu	N	30	NNW	5.1
22	13h	⊙ 7 Cu	Cu	N 33° W	37	WNW	5.6
29	8h	⊙ 5 ACu	ACu	N 10° W	30	W	3.3
31	10h	⊙ 7 FrCu	FrCu	S 72° W	13	WSW	6.5
	13h	⊙ 7 Cu	Cu	S 70° W	30	WSW	6.5
	16h	⊙ 6 Cu	Cu	S 72° W	20	WSW	5.8
Juni							
5	16h	⊙ 7 Cu, FrCu	Cu, FrCu	S 55° W	30	WSW	4.4
	19h	⊙ 7 SCu, FrCu	FrCu	S 35° W	34	WSW	3.8
10	12h	5 Cu	Cu	N 8° E	35	NE	2.2
11	13h	⊙ 7 CiS, Cu	Cu	N 12° E	66	W	2.4
13	10h	⊙ 6 Cu	Cu	N 35° E	40	NE	3.6
	13h	⊙ 4 FrCu	FrCu	N 30° E	40	NE	3.2

## 3. Fortsetzung.

Datum	Stunde	Bewölkung	Form der beob. Wolke	Richtung	Winkel- geschwin- digkeit 150 n Sec.	Wind auf dem Turme	
						Richtung	Geschw. m/s
Juli							
5	16h	5 Cu	Cu	N 75° W	50	WNW	4.3
	17h	⊙ 4 Cu	Cu	S 80° W	45	WNW	4.3
6	7h	⊙ 3 Cu	Cu	N 80° W	25	W	2.9
	8h	8 Cu	Cu	S 85° W	25	W	3.2
	9h	9 Cu	Cu	S 67° W	45	W	3.4
	10h	9 Cu	Cu	S 65° W	36	WSW	3.3
	11h	7 Cu	Cu	S 80° W	40	WSW	3.5
	16h	⊙ 3 Cu	Cu	S 80° W	60	W	3.8
	17h	⊙ 4 Cu	Cu	S 80° W	54	W	4.4
8	10h	⊙ 9 Cu, FrCu	Cu	N 75° W	20	W	4.1
			FrCu	N 75° W	40	W	4.1
9	15h	⊙ 3 Cu	Cu	S 40° W	120	E	2.2
10	8h 30m	⊙ 9 Cu, CiS	Cu	S 50° W	20	NE	5.4
11	8h	10 ACu, FrCu	FrCu	N 40° E	12	NE	5.1
12	10h	⊙ 2 Ci, Cu	Cu	N 38° E	24	NNE	4.0
	11h	⊙ 3 Cu, CiS	Cu	N 33° E	54	NNE	4.1
	13h	⊙ 4 FrCu, CiS	FrCu	N 15° E	50	NNE	4.2
	15h	⊙ 5 Cu, CiS	Cu	N 24° E	52	NNE	3.8
13	11h	⊙ 8 Cu, CiS	Cu	N 20° E	60	N	2.7
	16h	⊙ 2 AS, Cu, CiS	Cu	N 12° E	42	NNE	4.0
15	18h	10 FrSt	FrSt	NE	90	NNE	4.2
16	10h	10 SCu	SCu	S 60° E	16	ESE	3.6
	14h	⊙ 8 FrCu	FrCu	S 60° E	40	ESE	3.3
	16h	⊙ 8 Cu, ACu	Cu	S 18° E	50	SE	2.6
	17h	⊙ 9 Cu, St	Cu	S 50° E	58	SE	2.5
18	10h	⊙ 2 AS, FrCu	FrCu	N 60° W	30	W	3.8
	11h	⊙ 8 FrCu, Cu	FrCu	N 60° W	42	W	4.0
	15h	⊙ 6 Cu, CiS	Cu	N 70° W	86	WNW	4.4
	16h	⊙ 4 Cu, CiS	Cu	N 65° W	40	WNW	4.4
19	15h	⊙ 2 Cu	Cu	N 34° W	113	WSW	2.2
21	10h	10 FrSt	FrSt	W	28	ENE	2.0
23	10h	10 St, SCu	SCu	N 13° E	17	N	3.6
	16h	⊙ 9 Cu, FrCu	Cu	S 20° E	130	N	3.3
			FrCu	N 20° W	32	N	3.3
27	10h	10 SCu	SCu	N 3° E	34	NW	2.2
	11h	10 FrCu	FrCu	N 3° E	60	NW	2.4
28	16h	⊙ 5 FrCu, AS	FrCu	N 62° W	84	NNW	2.4
August							
3	8h	⊙ 3 FrCu	FrCu	E 7° N	10	E	2.6
	9h	⊙ 6 Cu	Cu	E 17° S	17	E	2.9
	10h	⊙ 7 Cu	Cu	E	31	E	3.1
	11h	⊙ 5 Cu, FrCu	FrCu	E 20° S	30	E	3.2
	12h	⊙ 5 FrCu	FrCu	E 20° S	26	E	3.3
	13h	⊙ 5 FrCu	FrCu	E 20° S	32	ENE	3.6
4	10h	⊙ 3 Cu	Cu	E 20° N	75	ENE	3.1
14	11h 30m	9 SCu, Ci	SCu	S 30° E	60	W	3.1



## 3. Fortsetzung.

Datum	Stunde	Bewölkung	Form der beob. Wolke	Richtung	Winkel- geschwin- digkeit 150 in Sek.	Wind auf dem Turme	
						Richtung	Geschw. m/s
August							
16	13h	5 Cu	Cu	S	33	SE	4.9
25	10h	☉ 7 Ci, CiS, CiCu	Ci	S 50° W	125	SSE	1.8
			CiS, CiCu	S	langsam	SSE	1.8
			Cu	S 35° W	80	S	2.4
26	16h	9 Cu, Ci	Cu	S 60° W	95	E	2.0
	7h	9 SCu, ACu	ACu	S 72° W	38	W	1.0
	10h	☉ 5 Cu, FrCu	Cu	S 60° W	50	WSW	3.1
10h	FrCu		S 70° W	24	WSW	3.1	
27	10h	☉ 8 Cu, FrSt	Cu	S 60° W	24	SW	3.3
	13h	☉ 4 Cu	Cu	S 77° W	54	SW	4.0
31	10h	☉ 6 Cu	Cu	S 60° W	10	SSW	3.8
September							
2	10h	☉ 4 Cu	Cu	S 10° E	94	S	1.4
	13h	☉ 7 Cu	Cu	S 18° W	98	S	2.0
6	13h	☉ 1 FrCu	FrCu	N 20° W	30	WNW	6.9
	17h	☉ 2 FrCu	FrCu	N 37° W	35	WNW	5.4
8	11h	☉ 2 Cu	Cu	N 80° W	250	WSW	0.6
11	8h 40m	☉ 1 FrCu	FrCu	N 65° W	14	W	7.0
	10h	☉ 4 Cu	Cu	N 60° W	15	W	7.0
14	10h	☉ 6 Cu	Cu	N 80° W	27	W	5.8
19	10h	☉ 9 Cu, CiS	Cu	S 75° W	30	WSW	4.2
24	7h	☉ 9 FrSt	FrSt	N 68° W	14	W	5.4
	10h	7 Cu	Cu	N 70° W	14	WNW	6.0
	13h	☉ 5 Cu	Cu	N 50° W	20	WNW	6.0
	15h 30m	☉ 4 FrCu	FrCu	N 55° W	25	NW	5.0
27	16h	☉ 4 Cu, FrCu	FrCu	W	10	WSW	8.0
29	16h	☉ 6 CiS, Cu	Cu	N 68° W	30	WSW	4.0
30	11h	6 CuNb	CuNb	N 78° W	20	W	6.0
Oktober							
5	13h	9 CuNb	CuNb	S 78° W	16	WSW	6.7
6	13h	10 SCu	SCu	S 50° W	33	WSW	3.1
7	13h	☉ 5 FrCu	FrCu	S 60° W	32	WSW	3.8
November							
8	8h	☉ 7 SCu	SCu	S	22	S	4.4
	10h	☉ 6 FrCu	FrCu	S	15	S	4.7
	11h	☉ 6 Cu	Cu	S	12	S	4.8
	13h	☉ 8 SCu, FrCu	FrCu	S	13	S	5.1
	14h	7 FrCu, SCu	FrCu	S	14	S	4.9

## II. Pilotballonaufstiege.

Höhe	Wind		Höhe	Wind		Höhe	Wind	
	Richtung	Ge- schwin- digkeit		Richtung	Ge- schwin- digkeit		Richtung	Ge- schwin- digkeit
<b>Januar.</b>			<b>Februar.</b>					
Datum: 2 I 11 <sup>h</sup> 21 <sup>m</sup> —25 <sup>m</sup>			Datum: 30 I 12 <sup>h</sup> 10 <sup>m</sup> —12 <sup>h</sup> 40 <sup>m</sup>			Datum: 8 II 10 <sup>h</sup> 30 <sup>m</sup> —40 <sup>m</sup>		
80	Stille	0.0	80	Stille	0.0	80	S78W	1.8
180	S86W	1.5	180	S41W	4.6	180	N72W	4.2
500	S37W	1.1	500	S42W	4.6	500	N28W	4.7
624	St		1000	N86W	4.9	1000	N23W	7.8
			1500	N52W	4.9	1460	wurde unsichtbar	
			2000	N26W	7.0			
			2500	N20W	10.1	Datum: 10 II 9 <sup>h</sup> 3 <sup>m</sup> —5 <sup>m</sup>		
Datum: 6 I 12 <sup>h</sup> 31 <sup>m</sup> —37 <sup>m</sup> 30 <sup>s</sup>			3000	N20W	11.5	80	S84W	4.7
80	N84W	3.8	4000	N14W	15.4	180	N77W	11.9
180	N78W	6.8	5000	N23W	24.4	356	wurde unsichtbar	
500	N64W	8.7	5870	wurde unsichtbar				
970	Nb					Datum: 12 II 8 <sup>h</sup> 31 <sup>m</sup> —33 <sup>m</sup>		
						80	S10W	1.2
Datum: 7 I 10 <sup>h</sup> 14 <sup>m</sup> —19 <sup>m</sup> 30 <sup>s</sup>			Datum: 1 II 14 <sup>h</sup> 0 <sup>m</sup> —15 <sup>m</sup> 45 <sup>s</sup>			180	S64W	5.4
80	S55W	3.2	80	N2W	3.2	348	St	
180	S57W	9.2	180	N4W	6.5			
500	S87W	9.8	500	N24W	6.8	Datum: 13 II 10 <sup>h</sup> 0 <sup>m</sup> —19 <sup>m</sup>		
817	SCu		1000	N43W	7.1	80	N75W	3.0
			1500	N57W	10.2	180	N40W	4.9
Datum: 17 I 12 <sup>h</sup> 51 <sup>m</sup> —57 <sup>m</sup>			2000	N56W	16.4	500	N29W	9.1
80	S70W	0.4	2285	AS		1000	N29W	10.6
180	S78W	2.8				1500	N26W	14.0
500	S48W	4.4				2000	N10W	17.7
962	St					2500	N18W	18.9
						2702	wurde unsichtbar	
Datum: 18 I 11 <sup>h</sup> 48 <sup>m</sup> —51 <sup>m</sup>			Datum: 2 II 12 <sup>h</sup> 0 <sup>m</sup> —10 <sup>m</sup>			Datum: 14 II 10 <sup>h</sup> 25 <sup>m</sup> —27 <sup>m</sup>		
80	N48W	1.3	80	N88W	1.0	80	W	7.6
180	N22E	4.1	180	N66W	3.5	180	N73W	11.4
497	FrSt		500	N70W	1.1	356	wurde unsichtbar	
			1000	N25W	2.7			
			1480	wurde unsichtbar				
Datum: 20 I 11 <sup>h</sup> 1 <sup>m</sup> —2 <sup>m</sup>			Datum: 3 II 10 <sup>h</sup> 48 <sup>m</sup> —55 <sup>m</sup>			Datum: 15 II 9 <sup>h</sup> 9 <sup>m</sup> —27 <sup>m</sup>		
80	S82W	3.8	80	S56W	1.5	80	N40W	3.1
180	N65W	8.7	180	S58W	6.0	180	N14W	7.1
280	St		500	S68W	4.9	500	N1W	11.9
			1000	N85W	6.4	1000	N18W	16.8
			1060	wurde unsichtbar		1500	N18W	18.4
Datum: 22 I 10 <sup>h</sup> 37 <sup>m</sup> —42 <sup>m</sup>						2000	N20W	17.0
80	S75W	3.1	Datum: 4 II 11 <sup>h</sup> 10 <sup>m</sup> —21 <sup>m</sup> 45 <sup>s</sup>			2500	N16W	19.2
180	N87W	11.7	80	S55E	2.6	3000	N17W	22.2
500	N54W	15.4	180	S35E	9.0	3536	wurde unsichtbar	
755	wurde unsichtbar		500	S24E	13.3			
			1000	S25E	12.3	Datum: 16 II 10 <sup>h</sup> 29 <sup>m</sup> —53 <sup>m</sup>		
Datum: 23 I 11 <sup>h</sup> 57 <sup>m</sup> —12 <sup>h</sup> 7 <sup>m</sup> 45 <sup>s</sup>			1500	S30E	12.4	80	S72E	2.9
80	N15E	3.1	2000	S30E	12.7	180	S60E	2.8
180	N17E	6.3	2318	St		500	N40W	3.0
500	N18E	10.2				1000	N15W	6.0
1000	N28E	10.8	Datum: 7 II 15 <sup>h</sup> 11 <sup>m</sup> —13 <sup>m</sup>			1500	N15W	7.0
1500	N31E	6.0	80	N65W	2.7	2000	N17W	8.0
1563	wurde unsichtbar		180	N33W	6.3	2500	N20W	10.0
			350	wurde unsichtbar		3000	N18W	11.7
						4000	N30W	13.7
						4904	wurde unsichtbar	

## Fortsetzung.

Wind			Wind			Wind		
Höhe	Richtung	Ge- schwin- digkeit	Höhe	Richtung	Ge- schwin- digkeit	Höhe	Richtung	Ge- schwin- digkeit
Datum: 17 II 9h46m—48m			Datum: 25 II 11h4m—17m30s			Datum: 6 III 12h23m—29m		
80	S75W	2.4	80	N55W	6.0	80	N60E	3.7
180	N72W	8.7	180	N49W	7.7	180	N50E	4.8
362	St		500	N35W	10.5	500	N70E	7.9
Datum: 17 II 13h18m—29m			1000	N20W	21.7	1000	S86E	10.7
80	N30W	4.0	1500	N19W	21.2	1226	wurde unsichtbar	
180	N17W	7.1	2000	N21W	15.8	Datum: 7 III 12h6m—36m		
500	N6W	11.0	2500	N43W	24.3	80	N71E	2.6
1000	N7W	13.3	2645	wurde unsichtbar		180	S88E	5.9
1500	N24W	13.3	Datum: 26 II 10h16m—22m			500	S89E	6.8
1587	wurde unsichtbar		80	S30W	3.1	1000	N80E	6.8
Datum: 18 II 10h25m—29m			180	S44W	7.9	1500	S83E	7.0
80	N20W	4.0	500	S70W	6.4	2000	S72E	9.0
180	N6E	7.3	1000	S55W	7.8	2500	S70E	10.6
500	N10E	13.2	1232	wurde unsichtbar		3000	S69E	8.7
840	St		März.			4000	S67E	11.4
Datum: 19 II 11h20m—21m			Datum: 2 III 9h51m—10h7m			5000	S59E	13.5
80	S45W	3.7	80	S60E	3.8	5780	wurde unsichtbar	
180	S29W	7.0	180	S64E	7.6	Datum: 8 III 10h40m—48m		
216	Schnee		500	S65E	8.6	80	S85E	4.9
Datum: 20 II 13h40m—48m			1000	S75E	7.2	180	E	8.6
80	N25E	3.6	1500	S72E	6.0	500	S70E	17.9
180	N32E	5.8	2000	S84E	6.3	1000	S77E	13.1
500	N67E	6.1	2500	S77E	6.5	1500	S72E	15.2
1000	N46E	4.8	3000	S77E	8.1	1624	wurde unsichtbar	
1168	wurde unsichtbar		3083	wurde unsichtbar		Datum: 11 III 12h1m—39m		
Datum: 22 II 9h0m—17m			Datum: 3 III 12h33m—48m			80	N40W	4.0
80	S85W	3.2	80	N60E	3.1	180	N26W	6.0
180	N68W	5.7	180	N49E	5.0	500	N14W	6.9
500	N39W	6.2	500	N62E	7.8	1000	N2E	12.1
1000	N14W	8.4	1000	N60E	12.1	1500	N5E	11.9
1500	N8W	9.1	1500	N70E	11.3	2000	N6E	10.9
2000	N22W	13.5	2000	N67E	13.0	2500	N12E	9.1
2500	N10W	15.6	2500	N70E	12.0	3000	N3W	9.5
3000	N20W	17.1	3000	N71E	12.7	4000	N7E	10.7
3293	wurde unsichtbar		3020	wurde unsichtbar		5000	N22W	10.5
Datum: 23 II 11h57m—12h13m			Datum: 4 III 11h30m—34m			6000	N35W	13.6
80	N75W	1.6	80	N55E	3.1	7000	N9W	13.2
180	N32W	3.9	180	N77E	6.5	7604	wurde unsichtbar	
500	N10E	5.0	500	N85E	10.5	Datum: 12 III 10h52m—11h9m		
1000	N14E	8.5	856	wurde unsichtbar		80	N70W	2.8
1500	N11E	10.0	Datum: 5 III 8h3m—18m			180	N42W	4.8
2000	N11E	12.1	80	N48E	3.0	500	N44W	5.4
2500	N12E	14.5	180	N74E	6.0	1000	N52W	8.1
3000	N11E	16.5	500	N80E	10.3	1500	N54W	8.4
3168	wurde unsichtbar		1000	N85E	10.8	2000	N55W	10.5
			1500	S88E	11.4	2500	N51W	7.8
			2000	S85E	11.3	3000	N57W	8.6
			2040	wurde unsichtbar		3500	wurde unsichtbar	
						Datum: 13 III 9h13m—20m		
						80	S70E	2.2
						180	S65E	9.0
						500	S73E	10.7
						1000	N88E	6.8
						1431	St	

## Fortsetzung.

Wind			Wind			Wind		
Höhe	Richtung	Ge- schwin- digkeit	Höhe	Richtung	Ge- schwin- digkeit	Höhe	Richtung	Ge- schwin- digkeit
Datum: 15 III 12h13m—28m			Datum: 22 III 11h0m—5m			Datum: 11 IV 11h14m—19m		
80	N75W	4.4	80	N65E	4.0	80	S30W	2.9
180	N71W	4.4	180	N70E	5.5	180	S19W	5.2
500	N50W	7.3	500	S86E	9.4	500	S28W	9.4
1000	N46W	10.4	1000	N87E	10.6	775	FrCu	
1500	N42W	9.2	1045	St		Datum: 12 IV 12h22m—31m		
2000	N50W	8.9	Datum: 23 III 13h21m—53m40s			80	S70W	7.0
2500	N50W	12.3	80	N50W	2.1	180	S55W	10.9
3000	N48W	13.7	150	N39W	1.9	500	S60W	8.7
3005	wurde unsichtbar		500	N14W	5.9	1000	S70W	11.9
Datum: 16 III 10h21m—33m			1000	N35E	3.8	1500	S63W	15.4
80	N20W	4.7	1500	N42E	3.1	1889	wurde unsichtbar	
180	N16W	7.3	2000	N14E	4.0	Datum: 15 IV 13h47m—14h24m		
500	N2W	13.5	2500	N13W	5.7	80	S40E	3.6
1000	N5W	13.3	3000	N55W	5.7	180	S54E	4.8
1500	N10W	13.2	4000	N69W	9.3	500	S55E	5.6
2000	N7W	14.9	5000	N81W	10.3	1000	S52E	5.6
2492	wurde unsichtbar		6000	N7W	7.1	1500	S10E	4.6
Datum: 18 III 12h17m—26m			6254	wurde unsichtbar		2000	S10E	4.2
80	S70W	1.8	Datum: 28 III 10h45m—11h10m			2500	S28W	5.1
180	S80W	4.6	80	N35E	0.8	3000	S39W	5.5
500	S72W	6.9	180	N55E	2.2	4000	S49W	8.6
1000	S75W	6.4	500	N78E	3.2	5000	S57W	13.1
1500	N77W	8.8	1000	N89W	1.8	6000	S70W	9.7
1826	wurde unsichtbar		1500	N26W	2.2	7000	S57W	11.3
Datum: 19 III 11h44m—57m			2000	N42W	3.9	7258	wurde unsichtbar	
80	S50E	1.6	2500	N66W	1.2	Datum: 16 IV 8h49m—50m		
180	S80E	7.6	3000	N78W	2.9	80	S40E	3.7
500	N81E	7.6	4000	N16E	2.9	180	S48E	4.1
1000	N81E	3.4	5000	N49E	5.6	220	wurde unsichtbar	
1500	N28W	6.4	5254	wurde unsichtbar		Datum: 16 IV 11h42m—12h13m25s		
2000	N25W	15.1	April.			80	S66E	4.3
2500	N40W	14.8	Datum: 1 IV 11h45m—50m			180	S71E	7.1
2576	wurde unsichtbar		80	S30W	3.8	500	S47E	10.4
Datum: 20 III 10h10m—23m			180	S37W	8.8	1000	S33E	9.0
80	N25W	3.1	500	S50W	12.7	1500	S8E	8.9
180	N30E	6.4	815	wurde unsichtbar		2000	S7W	9.0
500	N47E	8.2	Datum: 5 IV 12h55m—58m			2500	S26W	8.4
1000	N42E	5.9	80	S12W	4.0	3000	S7W	8.9
1500	N18E	3.6	180	S4W	8.7	4000	S18W	7.2
2000	N27W	8.4	488	wurde unsichtbar		5000	S28W	10.3
2500	N34W	14.6	Datum: 6 IV 11h0m—16m30s			5920	wurde unsichtbar	
2560	wurde unsichtbar		80	S42W	1.0	Datum: 17 IV 13h2m—6m		
Datum: 21 III 12h15m—32m			180	S43W	0.8	80	S40E	3.6
80	N87E	1.3	500	S60W	2.0	180	S39E	7.1
180	S67E	3.7	1000	S78W	4.0	500	S24E	11.5
500	S46E	5.4	1500	S71W	7.8	632	FrSt	
1000	S37E	3.1	2000	S78W	9.0	Datum: 19 IV 9h50m—57m		
1500	S47E	1.4	2500	S79W	8.5	80	S86W	4.8
2000	S78W	2.0	3000	S74W	12.7	180	N79W	10.3
2500	N74W	3.6	3200	wurde unsichtbar		500	N66W	10.5
3000	N74W	4.8	Datum: 19 IV 9h50m—57m			1000	N66W	11.4
3344	wurde unsichtbar		Datum: 19 IV 9h50m—57m			1039	FrSt	

Wind			Wind			Wind		
Höhe	Richtung	Ge- schwin- digkeit	Höhe	Richtung	Ge- schwin- digkeit	Höhe	Richtung	Ge- schwin- digkeit
Datum : 20 IV 10h47m—56m			Datum : 2 V 8h19m—23m45s			Datum : 8 V 8h3m—18m		
80	S50E	1.5	80	S55W	6.2	80	N80W	6.8
180	S78E	2.4	180	S59W	9.7	180	S86W	12.4
500	S28E	2.7	500	S66W	11.8	500	N87W	8.4
1000	S16W	7.6	731	Graupeln		723	FrCu	
1340	St					1000	N76W	16.4
Datum : 21 IV 10h44m—51m			Datum : 3 V 10h46m—50m			1500	N73W	17.4
80	N75E	3.8	80	N35W	5.7	2000	N72W	13.8
180	N87E	5.1	180	N22W	9.2	2500	N78W	20.7
500	S62E	9.2	500	N28W	10.4	2975	wurde unsichtbar	
1000	S45E	17.0	620	SCu		Datum : 9 V 9h12m—20m		
1500	S40E	17.0				80	S80W	3.6
1508	SCu		Datum : 4 V 9h18m—37m			180	N86W	4.7
Datum : 22 IV 8h4m—6m			80	N40W	5.4	500	N70W	5.6
80	S78E	2.2	180	N24W	7.8	1000	N62W	5.0
180	S64E	5.5	500	N26W	10.8	1500	N71W	9.0
358	St		1000	N30W	11.8	1640	ACu	
Datum : 24 IV 9h52m—10h26m30s			1500	N8W	8.3	Datum : 10 V 8h30m—50m		
80	N35W	2.2	2000	N7W	15.3	80	S35E	2.9
180	N16W	1.7	2500	N10W	16.8	180	S37E	4.0
500	N80E	0.4	3000	N13W	22.4	500	S3W	2.2
1000	N20E	0.8	3823	wurde unsichtbar		1000	S87E	1.5
1500	N1W	1.0	Datum : 5 V 8h40m—9h21m45s			1500	S42E	0.5
2000	S20W	0.5	80	S	3.6	2000	N8E	0.4
2500	S4E	0.7	180	S20W	4.2	2500	S87W	2.9
3000	N64W	2.5	500	S37W	9.5	2940	ACu	
4000	N26W	5.7	1000	S48W	9.5	Datum : 11 V 7h59m—8h23m		
5000	N30W	3.6	1500	S57W	7.3	80	W	3.0
6000	N2E	7.0	2000	N84W	7.2	180	N67W	3.0
6877	Ci		2500	S75W	5.9	500	N24W	7.4
Datum : 26 IV 10h14m—20m			3000	N61W	5.4	1000	N25W	9.0
80	N45W	6.0	4000	N70W	5.7	1500	N33W	8.3
180	N40W	6.1	5000	N59W	8.6	2000	N37W	8.5
500	N42W	8.7	6000	N57W	10.1	2500	N28W	9.5
914	St		7000	N54W	13.7	3000	N35W	9.9
Datum : 29 IV 8h3m—15m45s			8000	N58W	15.2	4000	N46W	12.6
80	N35W	4.6	8554	Ci		4928	wurde unsichtbar	
180	N42W	4.3	Datum : 6 V 8h12m—18m45s			Datum : 12 V 8h43m—9h29m		
500	N48W	5.2	80	S55W	2.4	80	N54E	4.5
1000	N35W	8.6	180	S24W	6.1	180	N42E	5.3
1500	N40W	10.8	500	S42W	7.0	500	N51E	6.0
2000	N50W	11.4	998	FrCu		1000	N4E	4.3
2500	N62W	9.9	Datum : 7 V 8h17m—28m30s			1500	N17W	4.7
2532	wurde unsichtbar		80	N75W	6.2	2000	N27W	6.5
Mai.			180	N89W	7.7	2500	N22W	6.5
Datum : 1 V 9h1m—5m			500	N69W	15.6	3000	N2W	8.3
80	S75W	5.3	1000	N65W	16.2	4000	N17W	8.4
180	S76W	10.2	1500	N62W	14.7	5000	N3E	10.9
500	S84W	9.2	2000	N58W	15.2	6000	N2W	15.2
632	Cu		2322	ACu		7000	N3W	11.7
						8000	N36W	12.3
						9000	N51W	14.2
						9004	wurde unsichtbar	

## Fortsetzung.

Wind			Wind			Wind		
Höhe	Richtung	Ge- schwin- digkeit	Höhe	Richtung	Ge- schwin- digkeit	Höhe	Richtung	Ge- schwin- digkeit
Datum : 13 V 8h26m—9h6m			Datum : 20 V 8h57m—59m			Datum : 26 V 8h5m—10m30s		
80	S50E	1.3	80	N46W	4.0	80	N75E	3.7
180	S20W	0.6	180	N40W	4.0	180	N62E	4.1
500	S15W	2.8	484	Cu		500	N78E	5.1
1000	S11W	3.3	Datum : 21 V 7h42m—56m			1000	N75E	4.6
1500	S46W	2.0	80	N12E	5.0	1500	N60E	3.2
2000	N57W	0.7	180	N5E	7.7	2000	N7E	5.0
2500	N46W	1.2	500	N9W	8.0	2500	N7E	11.0
3000	N20W	1.7	1000	N2W	14.0	2780	platzte	
4000	N47W	3.3	1500	N2E	18.7	Datum : 27 V 8h15m—52m		
5000	S87W	4.6	2000	N6E	20.2	80	S64E	2.3
6000	N64W	5.0	2500	N7E	22.3	180	N74E	3.6
7000	N70W	11.6	2866	wurde unsichtbar		500	N66E	4.2
8000	N70W	22.0	Datum : 22 V 8h12m—24m			1000	S5W	1.0
8120	wurde unsichtbar		80	N85W	4.9	1500	S10W	2.9
Datum : 14 V 8h10m—30m			180	N86W	6.6	2000	S23E	2.0
80	S40W	4.0	500	N48W	11.3	2500	N78E	2.7
180	S22W	5.6	1000	N19W	10.6	3000	N55E	2.9
500	S38W	8.2	1500	N19W	12.5	4000	N64E	4.8
1000	S48W	10.1	2000	N25W	15.9	5000	N39E	5.2
1500	S44W	8.5	2500	N12W	17.1	6000	N64E	15.8
2000	S35W	8.4	2516	platzte		7000	N51E	19.0
2500	S52W	8.3	Datum : 23 V 8h36m—51m			7220	wurde unsichtbar	
3000	S54W	6.8	80	N20W	2.8	Datum : 28 V 7h35m—48m		
4000	S83W	5.5	180	N38W	2.7	80	W	3.4
4120	CiS		500	N22W	6.0	180	N60W	4.2
Datum : 17 V 9h0m—7m45s			1000	N5W	7.8	500	N51W	9.2
80	N70W	5.0	1500	N8W	14.3	1000	N50W	10.0
180	N62W	4.2	2000	N9W	15.1	1500	N37W	9.3
500	N59W	6.8	2500	N11W	17.5	2000	N38W	8.7
1000	N49W	14.9	3000	N9W	20.7	2500	N33W	10.0
1500	N53W	16.2	3140	wurde unsichtbar		2590	AS	
1568	wurde unsichtbar		Datum : 24 V 8h0m—21m45s			Datum : 29 V 8h25m—36m		
Datum : 18 V 8h56m—9h5m			80	S80W	3.0	80	S85W	2.4
80	N75W	3.6	180	S87W	2.4	180	S76W	3.1
180	N71W	4.4	500	N70W	5.8	500	N58W	5.4
500	N51W	4.0	1000	N56W	10.0	1000	N29W	8.1
1000	N58W	6.1	1500	N58W	4.3	1500	N22W	9.2
1322	Cu		2000	N67W	4.6	2000	N27W	15.8
Datum : 19 V 9h4m—32m			2500	N59W	9.5	2203	wurde unsichtbar	
80	N75W	4.2	3000	N56W	14.6	Datum : 30 V 8h22m—28m		
180	S84W	2.5	4000	N50W	18.8	80	S60W	4.1
500	N57W	5.1	4410	wurde unsichtbar		180	S50W	5.5
1000	N26W	10.8	Datum : 25 V 8h26m—9h8m25s			500	S67W	10.9
1500	N38W	11.3	80	N75W	2.8	1000	S64W	11.1
2000	N43W	12.0	180	N73W	3.0	1196	wurde unsichtbar	
2500	N49W	10.3	500	N33W	5.3	Datum : 31 V 7h24m—26m		
3000	N34W	14.5	1000	N3E	3.8	80	S60W	7.2
4000	N26W	20.5	1500	N22W	4.0	180	S57W	9.7
5000	N35W	26.6	2000	N42W	6.2	466	FrCu	
5652	wurde unsichtbar		2500	N35W	8.4			
			3000	N46W	8.9			
			4000	N56W	10.8			
			5000	N58W	12.8			
			6000	N65W	15.4			
			7000	N64W	15.2			
			8000	N70W	17.7			
			8436	Ci				

## Fortsetzung.

Höhe	Wind		Höhe	Wind		Höhe	Wind	
	Richtung	Ge- schwin- digkeit		Richtung	Ge- schwin- digkeit		Richtung	Ge- schwin- digkeit
Datum : 31 V 8h26m—29m45s			Datum : 3 VI 8h25m—9h26m			Datum : 11 VI 7h48m—8h39m		
80	S70W	6.5	5000	S23W	6.3	80	S15E	1.2
180	S65W	12.1	6000	S18W	6.1	180	N20E	0.1
500	S70W	12.3	7000	S14W	9.3	500	N58E	2.3
635	FrCu		8000	S14W	11.4	1000	N25E	4.7
			9000	S21W	9.1	1500	N15E	8.8
<b>Juni.</b>			10000	S30W	8.2	2000	N22E	10.8
Datum : 1 VI 7h53m—8h4m45s			11000	S41W	7.9	2500	N26E	8.8
80	N50W	3.7	12000	S36W	8.4	3000	N29E	5.9
180	N58W	2.6	12524	platzte		4000	N5E	3.8
500	N48W	7.9	Datum : 4 VI 7h17m—22m45s			5000	N30E	6.5
1000	N39W	12.6	80	N70W	2.8	6000	N51E	5.7
1500	N50W	11.0	180	N59W	4.2	7000	N52E	5.2
2000	N53W	11.4	500	N57W	3.3	8000	N51E	6.8
2383	platzte		915	SCu		9000	N55E	12.3
Datum : 2 VI 8h18m—10h26m			Datum : 5 VI 7h54m—8h31m20s			10000	N50E	18.4
80	E	1.5	80	S60W	2.5	10127	platzte	
180	N71E	0.7	180	S65W	2.4	Datum : 12 VI 8h15m—23m		
500	N61E	0.5	500	N88W	4.1	80	N40E	3.3
1000	N88E	3.7	1000	N69W	6.7	180	N19E	3.9
1500	N60E	6.0	1500	N67W	5.3	500	N12E	5.6
2000	N37E	3.1	2000	N86W	5.1	1000	N9E	8.3
2500	S65W	1.1	2500	S78W	3.6	1500	N27E	10.9
3000	N45W	1.2	3000	N86W	3.6	1584	platzte	
4000	S39W	3.3	4000	S85W	5.1	Datum : 13 VI 8h17m—36m		
5000	S22W	6.1	5000	N82W	6.7	80	N51E	3.0
6000	S6E	4.9	5157	CiS		180	N37E	2.8
7000	S2E	4.6	Datum : 8 VI 9h12m—15m30s			500	N44E	4.7
8000	S40E	4.3	80	N55W	1.8	1000	N47E	7.9
9000	S27E	6.7	180	N18W	2.9	1500	N35E	12.7
10000	S16E	3.0	500	N24E	5.5	2000	N41E	13.1
11000	N73W	3.3	584	SCu		2500	N33E	11.2
12000	N8E	1.3	Datum : 9 VI 8h30m—37m			3000	N30E	13.5
13000	S59W	2.3	80	N10W	2.2	3842	wurde unsichtbar	
14000	S58E	1.5	180	N6W	4.4	Datum : 14 VI 8h8m—41m		
15000	S51W	2.6	500	N14E	8.9	80	S35E	1.2
16000	S31W	2.6	1000	N34E	9.4	180	S9E	0.1
17000	S35W	1.4	1074	AS		500	N37E	2.8
18000	S18W	4.6	Datum : 10 VI 8h0m—33m			1000	N58E	4.3
19000	S33W	5.4	80	N40E	1.5	1500	N52E	6.0
20000	S58W	6.0	180	N75E	1.5	2000	N36E	7.3
21000	S29E	5.9	500	N58E	2.5	2500	N18E	5.5
22000	S24E	4.7	1000	N2W	3.8	3000	N34E	7.5
23000	S51W	9.0	1500	N11E	7.6	4000	N25E	8.6
24000	S44W	10.1	2000	N10W	9.6	5000	N26E	9.8
24912	platzte		2500	N2W	9.2	6000	N13E	10.0
Datum : 3 VI 8h25m—9h26m			3000	N28E	7.0	6383	platzte	
80	S35E	3.6	4000	N56E	8.0	Datum : 15 VI 8h43m—45m		
180	S43E	3.8	5000	N69E	9.0	80	S65W	2.4
500	S43E	7.0	6000	N72E	12.8	180	S60W	3.4
1000	S55E	9.2	6384	wurde unsichtbar		358	platzte	
1500	S46E	4.4						
2000	S12E	4.7						
2500	S10E	4.4						
3000	S1E	5.3						
4000	S34W	4.5						

## Fortsetzung.

Höhe	Wind		Höhe	Wind		Höhe	Wind	
	Richtung	Geschwindigkeit		Richtung	Geschwindigkeit		Richtung	Geschwindigkeit
Datum: 16 VI 7h44m—8h0m			Datum: 24 VI 7h50m—8h6m			Juli.		
80	N78W	3.1	80	S75W	3.0	Datum: 1 VII 7h49m—56m		
180	N70W	4.4	180	S88W	4.0	80	N35W	3.8
500	N35W	4.7	500	S83W	5.5	180	N10W	7.8
1000	N60W	9.9	1000	S73W	7.8	500	N11E	6.2
1500	N61W	6.2	1500	S62W	8.2	1000	N19W	4.8
2000	N55W	5.7	2000	S68W	8.9	1053	FrSt	
2352	wurde unsichtbar		2272	platzte		Datum: 2 VII 7h26m—30m		
Datum: 17 VI 7h56m—8h10m			Datum: 25 VI 13h41m—59m			80	N40E	4.7
80	S55W	3.8	80	N60E	3.6	180	N29E	7.7
180	S73W	7.3	180	N54E	3.2	500	N48E	7.3
500	S87W	9.6	500	S60E	6.6	632	platzte	
1000	N88W	7.4	1000	S12E	9.5	Datum: 3 VII 8h10m—16m		
1500	N70W	10.0	1500	S3E	6.1	80	N25E	3.8
1956	wurde unsichtbar		2000	S24E	6.4	180	N22E	8.1
Datum: 18 VI 8h53m—9h4m			2492	wurde unsichtbar		500	N40E	13.3
80	S75W	4.2	Datum: 27 VI 7h56m—8h28m50s			902	St	
180	S71W	8.4	80	S	2.0	Datum: 4 VII 8h21m—28m		
500	S81W	10.7	180	S6W	2.7	80	N	3.7
1000	N87W	9.1	500	S29W	3.8	180	N7W	4.2
1500	N83W	8.6	1000	S62W	1.9	500	N7E	6.8
1576	wurde unsichtbar		1500	S83W	2.7	1000	N11E	16.3
Datum: 19 VI 8h10m—16m			2000	S61W	3.8	1039	wurde unsichtbar	
80	N80W	2.2	2500	S48W	5.4	Datum: 5 VII 8h14m—18m		
180	S82W	3.0	3000	S38W	6.2	80	N15W	5.6
500	N22W	4.8	4000	S38W	7.8	180	N25W	7.0
902	wurde unsichtbar		4502	wurde unsichtbar		500	N22W	11.7
Datum: 20 VI 8h46m—51m30s			Datum: 28 VI 7h20m—51m			652	platzte	
80	S50W	3.2	80	S10W	1.0	Datum: 6 VII 8h21m—31m30s		
180	S42W	8.7	180	S15E	0.5	80	S85W	3.2
500	S58W	11.4	500	S20E	2.7	180	S87W	3.7
778	wurde unsichtbar		1000	S56E	1.9	500	S74W	4.5
Datum: 21 VI 7h25m—37m			1500	N67E	2.6	1000	S89W	8.1
80	S40W	2.0	2000	S66E	3.7	1424	Cu	
180	S48W	8.3	2500	S12E	5.0	Datum: 8 VII 8h32m—36m		
500	S59W	9.9	3000	S10E	5.2	80	N60W	2.6
1000	S61W	10.3	4000	S4E	7.0	180	S84W	3.9
1500	S61W	9.1	5000	S19W	9.8	500	N81W	7.7
1724	wurde unsichtbar		6000	S46W	13.8	608	Cu	
Datum: 23 VI 7h30m—37m			6001	wurde unsichtbar		Datum: 9 VII 8h40m—9h13m		
80	S60W	3.0	Datum: 29 VI 8h13m—27m			80	S60E	1.9
180	S49W	7.7	80	S60E	1.8	180	N78E	1.7
500	S55W	10.1	180	N88E	2.8	500	N27E	1.1
962	wurde unsichtbar		500	N60E	4.9	1000	N35E	1.0
Datum: 24 VI 7h30m—37m			1000	N38E	3.4	1500	N77W	4.0
80	S60W	3.0	1500	S53E	1.7	2000	N88W	4.7
180	S49W	7.7	2000	S25E	1.7	2500	S85W	5.8
500	S55W	10.1	2026	SCu		3000	S87W	7.6
962	wurde unsichtbar		Datum: 30 VI 8h18m—27m			4000	S84W	10.0
Datum: 25 VI 7h30m—37m			80	S45W	2.6	5000	N82W	13.7
80	S60W	3.0	180	S37W	4.1	5459	verdeckt durch Cu	
180	S49W	7.7	500	S48W	4.8			
500	S55W	10.1	1000	S35W	12.4			
962	wurde unsichtbar		1322	wurde unsichtbar				



## Fortsetzung.

Höhe	Wind		Höhe	Wind		Höhe	Wind	
	Richtung	Geschwindigkeit		Richtung	Geschwindigkeit		Richtung	Geschwindigkeit
Datum: 10 VII 7h44m—8h35m			Datum: 15 VIII 9h21m—41m			Datum: 22 VIII 10h44m—58m		
80	N45E	4.2	80	S80E	2.6	80	E	2.1
180	N50E	3.6	180	S42E	3.6	180	N65E	2.6
500	N57E	6.6	500	S12E	3.7	500	N60E	4.4
1000	N60E	10.3	1000	S3W	4.8	1000	S69E	1.2
1500	N59E	8.0	1500	S15W	5.3	1500	S72E	0.5
2000	N67E	4.2	2000	S9W	7.6	2000	S39W	2.3
2500	N66E	1.3	2500	S1W	6.9	2096	platzte	
3000	S49W	2.0	2771	ACu				
4000	S73W	6.9				Datum: 24 VIII 7h33m—34m		
5000	S68W	10.6	Datum: 17 VIII 10h19m—11h19m			80	N	2.5
6000	S76W	11.6	80	S25E	1.5	180	N	4.2
7000	S60W	13.8	180	S17E	1.1	224	platzte	
8000	S55W	17.1	500	S64E	0.8			
9000	S51W	19.0	1000	S55W	1.3	Datum: 25 VIII 12h36m—48m		
9260	Ci		1500	S88W	3.0	80	S35W	2.6
Datum: 11 VII 9h14m—16m			2000	S65W	4.3	180	S3E	4.5
80	N55E	5.8	2500	S67W	3.2	500	S8W	5.6
180	N36E	8.7	3000	S44W	5.8	1000	S15W	6.5
338	platzte		4000	S3W	4.2	1500	S27W	13.6
Datum: 12 VII 7h44m—8h9m			5000	S34W	4.8	1540	Cu	
80	N25E	3.1	6000	S1E	8.1			
180	N18E	4.7	7000	S13E	7.9	Datum: 26 VIII 9h20m—28m		
500	N33E	10.6	8000	S64E	5.7	80	S80W	3.2
1000	N35E	14.3	8600	CiCu		180	S75W	4.4
1500	N34E	15.1	Datum: 18 VIII 10h18m—43m			500	S72W	5.7
2000	N35E	11.3	80	N85W	2.8	1000	S65W	7.0
2500	N33E	11.3	180	N80W	3.7	1194	Cu	
3000	N18E	9.3	500	N84W	2.3	Datum: 27 VIII 9h46m—48m		
4000	N21E	7.3	1000	S75W	4.7	80	S40W	4.0
4655	CiS		1500	S74W	4.3	180	S50W	4.3
Datum: 13 VII 7h44m—8h28m			2000	S66W	5.4	293	FrSt	
80	N25E	1.1	2500	S65W	4.9			
180	N25E	3.5	3000	S79W	4.9	Datum: 28 VIII 12h36m—41m		
500	N25E	5.3	3755	Beob. abgebrochen		80	N78E	3.6
1000	N18E	5.8	Datum: 19 VIII 9h14m—10h4m			180	S83E	7.4
1500	N19E	6.9	80	S35W	1.6	500	S60E	8.0
2000	N47E	10.1	180	S15E	0.8	690	SCu	
2500	N27E	11.3	500	S51W	1.8	Datum: 31 VIII 10h8m—9m		
3000	N33E	7.5	1000	S47W	3.1	80	S10W	3.8
4000	N12W	3.7	1500	S82W	4.7	180	S21W	5.1
5000	N54W	4.0	2000	S59W	4.7	222	Cu	
6000	S63W	5.0	2500	S44W	5.2	Datum: 1 IX 9h25m—27m		
7000	S45W	7.4	3000	S76W	3.5	80	S50W	2.2
8000	S82W	7.5	4000	S69W	3.2	180	S35W	4.2
8352	Ci		5000	S82W	3.1	340	St	
August.			6000	N82W	3.3			
Datum: 14 VIII 9h10m—18m			7000	N68W	1.8			
80	N60W	2.4	8000	S72W	1.4			
180	N56W	2.0	9000	N47W	7.0			
500	S81W	8.0	10000	N50W	4.9			
1000	S10W	2.6	10530	wurde unsichtbar				
1040	SCu		Datum: 20 VIII 9h46m—50m					
			80	S30W	1.4			
			180	S18W	2.6			
			500	S	3.7			
			668	wurde unsichtbar				
			September.					
			Datum: 1 IX 9h25m—27m					
			80	S50W	2.2			
			180	S35W	4.2			
			340	St				

## Fortsetzung.

Höhe	Wind		Höhe	Wind		Höhe	Wind	
	Richtung	Ge- schwin- digkeit		Richtung	Ge- schwin- digkeit		Richtung	Ge- schwin- digkeit
Datum : 2 IX 9h55m—10h7m			Datum : 9 IX 9h6m—15m			Datum : 27 IX 7h33m—38m		
80	S2W	1.2	80	S10E	3.8	80	S55W	4.0
180	S8E	1.7	180	S10W	5.0	180	S41W	8.8
500	S	3.5	500	S39W	8.5	500	S62W	13.9
1000	S28W	5.3	1000	S40W	10.1	810	wurde unsichtbar	
1500	S14W	4.9	1500	S46W	10.5	Datum : 30 IX 9h10m—43m		
1807	Cu		1835	wurde unsichtbar		80	N80W	5.6
Datum : 4 IX 10h17m—29m			Datum : 11 IX 8h18m—36m			180	N75W	7.2
80	N75W	3.6	80	N75W	7.2	500	N53W	11.9
180	N50W	7.9	180	N69W	9.9	1000	N45W	12.3
500	N27W	10.0	500	N64W	13.4	1500	N57W	14.6
1000	N10W	10.4	1000	N50W	23.2	2000	N50W	15.2
1500	N20W	8.4	1500	N60W	18.4	2500	N45W	17.0
1760	St		2000	N57W	23.9	3000	N39W	15.3
Datum : 6 IX 7h45m—53m			2500	N49W	23.5	4000	N62W	15.5
80	W	5.4	3000	N49W	30.7	5000	N50W	15.8
180	N47W	7.9	3626	wurde unsichtbar		6000	N50W	18.6
500	N27W	16.6	Datum : 14 IX 9h35m—38m			6483	wurde unsichtbar	
1000	N20W	20.2	80	S55W	5.8	Oktober.		
1352	wurde unsichtbar		180	S87W	7.9	Datum : 1 X 9h38m—10h12m		
Datum : 7 IX 8h12m—35m			500	Cu		80	N45W	3.0
80	N60W	3.6	Datum : 16 IX 8h47m—9m33m			180	N25W	3.9
180	N25W	3.8	80	N60W	3.6	500	N10W	7.5
500	N8W	9.8	180	N48W	4.1	1000	N7W	7.2
1000	N1W	9.9	500	N37W	7.7	1500	N2W	6.1
1500	N19W	13.5	1000	N32W	9.2	2000	N42W	7.3
2000	N14W	13.4	1500	N29W	10.2	2500	N20W	9.6
2500	N15W	14.3	2000	N39W	10.0	3000	N27W	7.2
3000	N12W	18.9	2500	N44W	9.3	4000	N35W	10.4
4000	N14W	20.0	3000	N48W	8.3	5000	N21W	20.6
4588	wurde unsichtbar		4000	N74W	6.9	6000	N31W	29.6
Datum : 8 IX 8h30m—9h23m			5000	S84W	7.0	6540	wurde unsichtbar	
80	N80W	0.1	6000	S79W	7.4	Datum : 3 X 10h18m—22m		
180	N37W	0.1	7000	N88W	7.7	80	S45W	3.8
500	N39W	1.2	8000	N67W	3.6	180	S45W	7.0
1000	N4W	5.5	9004	platzte		500	S64W	9.0
1500	N17W	4.9	Datum : 19 IX 8h40m—42m			624	wurde unsichtbar	
2000	N8W	4.8	80	S70W	4.4	Datum : 5 X 10h47m—51m		
2500	N9W	4.6	180	S86W	4.0	80	S65W	5.1
3000	N15W	5.3	430	Cu		180	S80W	9.0
4000	N14W	5.7	Datum : 25 IX 10h20m—22m			500	S83W	14.0
5000	N38W	6.8	80	S45W	2.5	624	Cu	
6000	N49W	6.5	180	S50W	5.8	Datum : 7 X 10h8m—29m		
7000	N22W	10.7	366	wurde unsichtbar		80	S50W	4.2
8000	N31W	14.8	Datum : 25 IX 10h49m—56m			180	S50W	4.0
9000	N9W	15.0	80	S35W	3.0	500	S71W	7.3
10000	N26W	21.0	180	S57W	6.7	1000	S66W	7.2
10680	wurde unsichtbar		500	S71W	11.0	1500	S71W	10.1
			1000	S85W	10.9	2000	S57W	8.8
			1092	St		2500	S49W	8.2
						3000	S31W	9.0
						4000	S39W	12.7
						4070	wurde unsichtbar	

## Fortsetzung.

Höhe	Wind		Höhe	Wind		Höhe	Wind	
	Richtung	Ge- schwin- digkeit		Richtung	Ge- schwin- digkeit		Richtung	Ge- schwin- digkeit
Datum : 8 X 10 <sup>h</sup> 46m—57m			Datum : 8 XI 10 <sup>h</sup> 44m—48m			Datum : 30 XI 11 <sup>h</sup> 37m—42m		
80	S53W	1.3	80	S	5.1	80	N82W	7.2
180	S49W	2.7	180	S7E	8.3	180	N77W	10.5
500	S36W	5.8	500	S10W	12.2	500	N63W	20.8
1000	S46W	8.3	840	SCu		1025	platzte	
1500	S41W	7.2						
1609	wurde unsichtbar							
Datum : 15 X 10 <sup>h</sup> 17m—19m			Datum : 12 XI 12 <sup>h</sup> 8m—12m			<b>Dezember.</b>		
80	S50E	3.3	80	S80W	4.7	Datum : 3 XII 9 <sup>h</sup> 36m—55m		
180	S57E	6.4	180	S73W	4.9	80	S	1.5
460	platzte		500	S87W	6.3	180	S5W	3.5
			600	platzte		500	S64W	3.6
Datum : 27 X 10 <sup>h</sup> 8m—10m			Datum : 13 XI 10 <sup>h</sup> 5m—19m			1000	N3W	1.3
80	S30W	3.2	80	S70W	4.0	1500	S60W	2.8
180	S30W	5.3	180	S86W	8.6	2000	S85W	4.2
456	wurde unsichtbar		500	N76W	13.1	2500	S65W	3.5
Datum : 30 X 10 <sup>h</sup> 58m—11 <sup>h</sup> 2m			1000	N75W	10.4	2550	wurde unsichtbar	
80	S30W	4.9	1500	N74W	12.0			
180	S44W	5.9	2000	N64W	14.0	Datum : 4 XII 10 <sup>h</sup> 48m—52m		
500	S63W	11.2	2500	N70W	16.5	80	N	4.4
860	wurde unsichtbar		2754	wurde unsichtbar		180	N9E	8.3
Datum : 31 X 9 <sup>h</sup> 34m—47m			Datum : 16 XI 9 <sup>h</sup> 59m—10 <sup>h</sup> 9m			500	N29E	11.6
80	S55E	3.5	80	N80W	2.6	688	SCu	
180	S19E	7.0	180	N76W	7.5			
500	S7W	17.0	500	N68W	5.6	Datum : 5 XII 10 <sup>h</sup> 2m—15m		
1000	S4W	16.8	1000	N67W	7.9	80	S84W	2.9
1500	S7W	17.6	1470	wurde unsichtbar		180	N42W	6.2
2000	S8W	18.1				500	N31W	5.6
2464	wurde unsichtbar		Datum : 19 XI 11 <sup>h</sup> 56m—12 <sup>h</sup> 1m			1000	N29W	3.0
<b>November.</b>			80	N74W	4.9	1500	N21E	10.8
Datum : 1 XI 8 <sup>h</sup> 53m—59m			180	N65W	11.3	1796	wurde unsichtbar	
80	S25E	2.9	500	N54W	12.3			
180	S16E	9.2	750	SCu		Datum : 23 XII 11 <sup>h</sup> 23m—30m		
500	S4E	15.5				80	S70W	2.2
1000	S2E	19.1	Datum : 24 XI 10 <sup>h</sup> 19m—21m			180	N65W	5.9
1226	SCu		80	S70W	4.9	500	N61W	4.7
			180	S81W	10.2	1000	N56W	5.3
			338	platzte		1268	wurde unsichtbar	

Monat	B a r o m e t e r 700 m m +								Niederschlag			
	7h	13h	21h	Mittel	Max.	Datum	Min.	Datum	Menge	Tage	Max.	Datum
Januar	—	—	—	—	—	—	—	—	30.3	24	6.0	14
Februar	53.8	54.1	53.8	53.9	68.0	4	34.3	10	16.6	20	2.5	16
März	54.1	54.0	54.1	54.1	68.8	3	38.1	14	20.9	15	7.0	30
April	49.4	50.5	49.6	49.6	57.5	23	38.0	17	33.4	19	8.3	3
Mai	57.6	57.7	57.7	57.7	73.7	13	41.2	6	56.9	7	23.7	15
Juni	58.9	58.8	58.2	58.6	64.8	14	50.8	6	61.1	10	24.6	6
Juli	53.3	53.4	53.5	53.4	60.6	13	47.3	23	67.7	12	15.7	21
August	54.2	54.2	54.1	54.2	60.3	1	47.6	31	121.1	18	26.0	23
September	—	—	—	—	—	—	—	—	72.5	18	19.3	21
Oktober	—	—	—	—	—	—	—	—	60.2	17	12.0	30
November	—	—	—	—	—	—	—	—	39.1	18	7.3	20
Dezember	—	—	—	—	—	—	—	—	26.1	21	3.2	28
J a h r	—	—	—	—	—	—	—	—	605.9	199	26.0	23VIII

  

Monat	T e m p e r a t u r										
	7h	13h	21h	Mittel	E x t r e m e				m i t t l e r e s		
					Max.	Datum	Min.	Datum	Max.	Min.	Max.+ Min. :2
Januar	—11.0	— 9.4	—10.2	—10.2	0.0	13, 14	—29.6	30	— 6.6	—14.8	—10.7
Februar	—15.6	—11.7	—13.1	—13.5	1.1	27	—30.2	21	— 8.8	—19.1	—14.0
März	—14.8	— 8.2	—10.8	—11.3	3.9	31	—26.8	21	— 6.2	—16.7	—11.4
April	0.7	4.7	1.8	2.4	14.9	22	— 5.2	29	5.8	— 0.8	2.5
Mai	6.2	12.0	7.0	8.4	27.9	30	— 3.4	1	13.5	2.1	7.8
Juni	16.1	21.2	17.1	18.2	31.5	21	4.5	7	23.1	11.9	17.5
Juli	13.6	18.6	14.7	15.6	26.9	31	3.6	6	20.0	9.9	15.0
August	15.6	20.6	16.3	17.5	27.6	8	8.5	6	22.2	12.9	17.6
September	9.7	14.2	9.9	11.3	21.5	27	1.0	8	15.7	7.2	11.4
Oktober	5.6	9.1	6.5	7.0	17.3	3	— 2.1	1	10.1	3.9	7.0
November	1.1	2.0	1.1	1.4	7.3	11, 12	— 9.8	26	3.5	— 1.0	1.2
Dezember	— 5.2	— 4.2	— 5.1	— 4.8	2.6	2	—16.1	12	— 2.1	— 8.6	— 5.4
J a h r	1.83	5.74	2.93	3.50	31.5	21 VI	—30.2	21 II	7.52	— 1.09	3.21

## Monats- und Jahresübersicht.

1917.

I. Marienhof.

Monat	Absolute Feuchtigkeit				Relative Feuchtigkeit				Bewölkung		
	7h	13h	21h	Mittel	7h	13h	21h	Mittel	7h	13h	21h
Januar	2.1	2.2	2.2	2.2	96	96	96	96	8.7	8.8	8.5
Februar	1.4	1.6	1.7	1.6	83	76	84	81	5.4	6.4	6.2
März	1.5	1.8	1.7	1.7	86	70	78	78	5.1	4.7	4.3
April	4.3	4.6	4.5	4.4	88	71	84	81	7.0	7.3	6.7
Mai	5.4	5.8	5.6	5.6	73	52	71	65	3.8	5.4	4.9
Juni	10.5	10.7	11.3	10.8	76	58	77	70	3.6	4.8	3.9
Juli	9.9	9.5	9.5	9.6	84	60	76	73	6.0	6.6	4.8
August	12.4	12.6	12.6	12.5	93	71	91	85	6.9	6.5	4.8
September	8.5	8.8	8.3	8.5	93	73	92	86	6.9	7.1	6.2
Oktober	6.5	7.0	6.6	6.7	94	81	91	89	7.4	7.9	5.3
November	4.7	4.9	4.7	4.8	94	90	92	92	8.3	9.1	8.6
Dezember	3.0	3.2	3.1	3.1	94	94	95	94	8.7	8.4	8.3
J a h r	5.85	6.06	5.98	5.96	88	74	86	83	6.5	6.9	6.0

Monat	A n z a h l d e r T a g e m i t											
	✱	▲	△	∇	◐	◑	≡	⊞	klare	trübe	Max. ≤ 0	Min. ≤ 0
Januar	21	—	—	8	—	—	3	—	1	24	31	31
Februar	20	—	—	4	—	—	1	—	2	6	25	28
März	15	—	—	3	—	—	—	—	9	9	26	31
April	11	—	—	—	—	—	2	—	1	13	—	20
Mai	4	—	3	—	2	—	—	—	6	3	—	16
Juni	—	—	—	—	11	—	—	3	9	4	—	—
Juli	—	1	—	—	8	—	—	1	3	10	—	—
August	—	1	—	—	11	—	6	5	—	7	—	—
September	—	—	—	—	4	—	2	—	3	11	—	—
Oktober	—	—	—	—	1	3	—	—	1	11	—	3
November	12	—	—	—	—	2	—	—	—	21	3	17
Dezember	15	—	1	7	—	—	8	—	1	23	23	31
J a h r	98	2	4	22	37	5	22	9	36	142	108	177

Monat	Luftdruck (700 mm +)								Niederschlag			
	7h	13h	21h	Mittel	Max.	Datum	Min.	Datum	Menge	Tage	Max.	Datum
Januar	52.5	52.7	52.8	52.7	71.4	19	30.4	5	29.4	22	6.4	5
Februar	51.8	52.1	51.8	51.9	65.5	4	32.7	10	18.3	20	3.4	15
März	52.2	52.1	52.3	52.2	67.1	3	37.7	14	14.9	15	4.4	14
April	47.2	47.7	47.4	47.4	55.4	23	35.9	17	32.8	18	8.7	4
Mai	55.5	55.3	55.3	55.4	71.5	13	38.8	6	19.0	7	10.7	6
Juni	57.4	57.2	56.8	57.2	63.3	14	49.5	6	50.1	10	16.8	30
Juli	51.5	51.6	51.7	51.6	58.8	13	46.0	23	29.8	8	17.7	17
August	52.6	52.5	52.4	52.5	58.7	1	45.9	30	76.9	16	9.9	22
September	48.0	48.1	48.2	48.1	61.9	8	36.8	22	75.9	17	33.8	21
Oktober	50.8	51.0	51.3	51.1	66.5	21	30.9	5	87.0	24	27.3	4
November	46.4	46.5	47.3	46.7	65.6	4	17.8	25	39.0	21	5.9	23
Dezember	52.6	52.8	52.8	52.7	67.3	11	25.2	2	25.9	19	3.2	27
J a h r	51.54	51.64	51.68	51.62	71.5	13 V	17.8	25 XI	499.0	197	33.8	21 IX
Monat	T e m p e r a t u r											
	7h	13h	21h	Mittel	E x t r e m e				m i t t l e r e s			
					Max.	Datum	Min.	Datum	Max.	Min.	Max. + Min. : 2	
Januar	−11.0	− 9.3	− 9.6	−10.0	0.2	13, 14	−27.4	30	− 6.0	−14.6	−10.3	
Februar	−15.7	−10.7	−12.7	−13.0	1.9	9	−32.0	2	− 8.0	−19.6	−13.8	
März	−13.8	− 7.2	−11.1	−10.7	4.2	31	−27.0	21	− 5.3	−17.1	−11.2	
April	0.8	4.2	1.3	2.1	14.6	22	− 7.5	29	6.2	− 1.7	2.3	
Mai	6.1	11.1	6.7	8.0	28.0	30	− 5.4	1	13.5	0.3	6.9	
Juni	16.5	21.3	15.4	17.7	31.3	21	2.2	2	23.5	9.8	16.6	
Juli	13.8	18.3	14.2	15.4	28.5	31	1.0	9	20.4	8.7	14.6	
August	15.6	20.7	15.6	17.3	29.4	1	5.5	6, 7	23.0	11.5	17.2	
September	9.3	13.8	9.3	10.8	20.9	2	− 1.9	8	15.5	5.9	10.7	
Oktober	5.0	8.2	5.7	6.3	17.4	3	− 3.3	1	9.9	3.3	6.6	
November	0.7	1.6	0.6	1.0	7.0	3, 11	−10.5	30	3.4	− 1.7	0.8	
Dezember	− 5.4	− 3.8	− 4.9	− 4.7	2.9	2	−17.4	5	− 1.8	− 9.0	− 5.4	
J a h r	1.83	5.68	2.54	3.35	31.3	21 VI	−32.0	2 II	7.86	− 2.02	2.92	

## Monats- und Jahresübersicht.

1917.

II. Thoma.

M o n a t	Absolute Feuchtigkeit				Relative Feuchtigkeit				Bewölkung		
	7h	13h	21h	Mittel	7h	13h	21h	Mittel	7h	13h	21h
Januar	1.9	2.1	2.1	2.0	88	87	88	87	8.6	8.1	8.1
Februar	1.5	1.7	1.7	1.6	83	74	83	80	6.0	6.0	6.2
März	1.5	2.0	1.7	1.8	85	68	79	77	4.8	4.8	3.6
April	4.2	4.5	4.2	4.3	86	71	83	80	7.2	7.5	7.3
Mai	5.4	5.9	5.3	5.5	73	58	67	66	3.9	5.6	4.9
Juni	10.0	10.2	9.8	10.0	71	55	75	67	4.0	5.1	3.8
Juli	9.1	9.2	9.0	9.1	77	59	74	70	5.1	6.1	4.7
August	11.7	12.1	11.7	11.8	89	68	88	82	6.4	6.0	4.7
September	8.1	8.5	8.1	8.2	90	72	91	84	6.6	7.2	5.8
Oktober	6.2	6.7	6.3	6.4	93	82	92	89	7.9	8.1	5.6
November	4.5	4.6	4.5	4.5	92	88	90	90	8.9	8.4	8.6
Dezember	3.0	3.3	3.0	3.1	92	91	93	92	8.8	8.6	8.8
J a h r	5.59	5.90	5.62	5.69	85	73	84	80	6.5	6.8	6.0

  

M o n a t	Windgeschwind.			Häufigkeit der Windrichtungen								
	7h	13h	21h	O	N	NE	E	SE	S	SW	W	NW
Januar	2.1	2.0	2.0	20	8	13	8	15	6	5	6	12
Februar	2.1	3.1	2.7	18	10	6	3	9	10	10	6	12
März	2.1	3.5	2.2	14	9	16	14	10	5	12	4	9
April	3.4	4.7	2.8	9	7	5	11	16	8	12	13	9
Mai	3.7	5.7	2.7	7	12	6	4	1	8	13	16	26
Juni	2.5	4.5	1.9	11	10	7	5	9	9	18	13	8
Juli	2.0	4.7	1.9	13	19	23	8	2	—	2	11	15
August	2.0	3.8	1.7	20	4	12	15	15	4	11	8	4
September	3.5	5.8	2.9	11	4	—	—	3	12	20	17	23
Oktober	3.1	4.7	3.6	8	—	1	5	18	27	27	5	2
November	3.4	4.0	3.7	10	4	4	3	10	21	17	10	11
Dezember	3.6	3.4	3.7	7	7	2	3	9	28	22	12	3
J a h r	2.79	4.16	2.65	148	94	95	79	117	138	169	121	134

  

M o n a t	A n z a h l d e r T a g e m i t											
	✱	▲	△	V	⌒	□	≡	⊞	klare	trübe	Max ≤ 0	Min. ≤ 0
Januar	22	—	—	3	—	1	4	—	1	20	31	31
Februar	20	—	2	1	—	2	4	—	3	8	25	28
März	15	—	—	1	—	—	—	—	11	7	27	31
April	12	—	1	—	1	—	2	—	—	14	1	23
Mai	4	—	3	—	6	1	3	—	5	3	19	19
Juni	—	—	—	—	14	—	3	3	5	4	—	—
Juli	—	1	—	—	12	—	4	—	4	7	—	—
August	—	—	—	—	18	—	12	5	1	3	—	—
September	—	1	—	—	2	1	5	—	2	10	—	1
Oktober	—	—	—	—	—	—	—	—	—	14	—	—
November	11	—	1	—	—	—	5	—	—	23	7	21
Dezember	19	—	—	—	—	2	4	—	1	23	19	31
J a h r	103	2	7	7	53	10	48	8	33	136	110	200

## III. Gdow.

1917.

## Monats- und Jahresübersicht.

Monat	Barometer (700 mm +)								Niederschlag			
	7h	13h	21h	Mittel	Max.	Datum	Min.	Datum	Menge	Tage	Max.	Datum
Januar	56.6	57.0	56.9	56.8	75.0	20	35.6	5	22.0	21	4.5	14
Februar	55.6	56.0	55.7	55.8	70.7	4	34.8	10	18.3	25	4.5	19
März	56.4	56.2	56.3	56.3	71.1	3	39.8	14	17.7	16	4.0	14
April	51.4	52.1	51.6	51.7	59.6	20	40.0	17	51.0	18	13.1	3
Mai	59.3	59.3	59.1	59.2	75.8	13	43.6	6	40.1	6	17.3	15
Juni	—	—	—	—	—	—	—	—	—	—	—	—
Juli	—	—	—	—	—	—	—	—	—	—	—	—
August	56.5	56.5	56.2	56.4	62.8	1	50.3	30, 31	125.6	15	51.3	22
September	51.9	51.9	51.5	51.8	65.8	8	39.8	21	74.2	18	24.7	21
Oktober	55.3	55.7	55.8	55.5	71.0	21	33.9	5	72.7	22	11.0	30
November	50.3	50.8	51.1	50.7	69.0	4	21.7	25	42.6	23	7.5	18
Dezember	56.9	57.4	57.2	57.1	72.1	11	29.9	3	32.5	25	5.1	15
J a h r	—	—	—	—	—	—	—	—	—	—	—	—

  

Monat	T e m p e r a t u r										
	7h	13h	21h	Mittel	E x t r e m e				m i t t l e r e s		
					Max.	Datum	Min.	Datum	Max.	Min.	Max.+ Min. : 2
Januar	—11.4	— 9.6	—11.0	—10.7	— 0.2	14	—28.5	30	— 6.9	—15.5	—11.2
Februar	—16.9	—12.5	—14.1	—14.5	1.0	9	—34.2	21	— 9.6	—20.4	—15.0
März	—15.4	— 7.8	—11.7	—11.6	3.0	31	—28.7	21	— 6.3	—17.7	—12.0
April	0.5	5.1	2.2	2.6	15.4	22	— 5.8	30	6.3	— 0.9	2.7
Mai	5.4	11.1	6.5	7.7	27.9	30	— 3.7	1	12.8	2.2	7.5
Juni	—	—	—	—	—	—	—	—	—	—	—
Juli	—	—	—	—	—	—	—	—	—	—	—
August	15.9	22.3	16.2	18.1	29.0	8	5.5	6	23.2	12.9	18.0
September	10.7	14.0	10.8	11.8	21.5	2	5.0	9	15.1	8.8	12.0
Oktober	6.0	8.9	6.6	7.0	16.0	3	— 1.0	1, 2	9.8	4.4	7.1
November	1.4	2.1	1.8	1.8	7.0	4	— 6.4	22	3.4	— 0.1	1.6
Dezember	— 5.4	— 4.2	— 4.8	— 4.8	2.5	2	—18.0	12	— 2.1	— 8.2	5.2
J a h r	—	—	—	—	—	—	—34.2	21 II	—	—	—



## Monats- und Jahresübersicht.

1917.

III. Gdow.

M o n a t	Absolute Feuchtigkeit				Relative Feuchtigkeit				Bewölkung		
	7h	13h	21h	Mittel	7h	13h	21h	Mittel	7h	13h	21h
Januar	1.9	2.0	2.0	2.0	89	89	90	89	9.1	9.1	8.4
Februar	1.4	1.7	1.6	1.5	86	82	84	84	5.6	7.5	6.4
März	1.5	2.0	1.8	1.7	88	73	85	82	3.6	2.7	4.3
April	4.4	4.8	4.7	4.6	90	73	86	83	6.8	7.3	8.1
Mai	5.5	6.8	6.2	6.2	79	66	81	75	3.9	6.4	4.2
Juni	—	—	—	—	—	—	—	—	—	—	—
Juli	—	—	—	—	—	—	—	—	—	—	—
August	12.8	13.9	12.9	13.2	94	70	93	86	5.8	5.6	4.5
September	8.6	9.1	8.5	8.7	89	76	87	84	7.8	7.5	6.2
Oktober	6.6	7.2	6.8	6.9	94	84	91	90	8.7	7.8	6.5
November	4.7	4.8	4.8	4.7	91	86	88	88	9.1	8.7	8.9
Dezember	3.0	3.2	3.1	3.1	93	92	93	93	8.1	8.9	8.4
J a h r	—	—	—	—	—	—	—	—	—	—	—

  

M o n a t	A n z a h l d e r T a g e m i t											
	✱	▲	△	∇	◐	◑	≡	⌞	klare	trübe	Max. ≤ 0	Min ≤ 0
Januar	20	—	—	12	—	—	5	—	—	24	31	31
Februar	25	—	—	1	—	9	1	—	3	11	26	28
März	15	—	—	—	—	10	4	—	10	9	26	31
April	12	—	—	—	—	3	5	—	3	15	—	19
Mai	2	—	—	—	—	1	—	—	5	5	—	16
Juni	—	—	—	—	—	—	—	—	—	—	—	—
Juli	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	17	—	4	2	3	6	—	—
September	—	3	—	—	13	—	1	—	1	14	—	—
Oktober	—	—	—	2	5	—	3	—	1	18	—	4
November	12	—	1	1	—	—	1	—	1	22	3	12
Dezember	22	—	—	—	—	11	3	—	1	21	26	31
J a h r	108	—	—	16	—	34	—	—	—	—	112	172

### Bemerkungen zum Jahrgang 1917.

**Personal.** Der ältere Assistent C. Koch hatte wie bisher die Aufsicht über das Observatorium und die Filialstationen. Er beteiligte sich an den Beobachtungen des Observatoriums, bearbeitete dieselben zum Druck und leitete die Arbeiten der Studenten im Observatorium. Der Beobachter G. Solotow verliess das Observatorium am 24. Januar und wurde durch W. Kurrik ersetzt, der sich seit dem Mai 1916 an den Beobachtungen beteiligt hatte. Herr Kurrik gab am 3. Oktober seine Stelle auf, die stud. A. Raphael einnahm, der im Institut vom 7. Juni an gearbeitet hatte. Die Obliegenheiten des Beobachters bestanden in der Anstellung von Beobachtungen, im Ausschreiben und in der Interpolation eines Teils des Beobachtungsmaterials und in der Instandhaltung der Apparate. An den Beobachtungen beteiligten sich bis zum 26. April stud. Sawitsch-Sablotsky, vom 7. Juni bis zum 30. August stud. H. Lezius und vom 30. September bis zum Schluss des Jahres Leutnant J. Peschkow, Unteroffizier M. Jastrebow und Freiwilliger W. Baron Stackelberg von der meteorologischen Abteilung beim Stabe der XII. Armee, die in den Räumen des Observatoriums einquartiert waren. Zu Beobachtern ausgebildet wurden ferner stud. K. Petruschkewitsch, stud. J. Ritzkewitsch und stud. B. Kowalewsky.

Die Beobachtungen wurden wie in den vorhergehenden, so auch im Berichtsjahre an den 3 täglichen Terminen 7<sup>h</sup>, 13<sup>h</sup> und 21<sup>h</sup> angestellt, Wolkenbeobachtungen ausserdem noch um 10<sup>h</sup>, 16<sup>h</sup>, 19<sup>h</sup> und 22<sup>h</sup>. Die Niederschläge und das Minimalthermometer wurden um 7<sup>h</sup> und 21<sup>h</sup> abgelesen, die Verdunstung und die Schneehöhe um 7<sup>h</sup>, das Maximalthermometer um 13<sup>h</sup> und 21<sup>h</sup> und der Embachstand um 13<sup>h</sup>. Jede der 3 täglichen regulären Beobachtungen begann 10 Minuten vor dem Termin mit dem Anfeuchten und Hinausschieben des Assmann'schen Psychrometers. 5 Minuten vor dem Termin wurden dann die Barometer und der Barograf abgelesen, es folgten die Apparate in der Hütte und zum Termin mit einer Abweichung von nicht mehr als einer Minute erfolgte

die Ablesung der Temperatur. Die Beobachtung schloss mit einer Ablesung der Anemografen und einer Bestimmung der Bewölkung.

Uhrkorrektion. Die die Lokalzeit anzeigende Wanduhr des Observatoriums, nach der die Beobachtungen angestellt wurden, wurde wöchentlich mit der Normaluhr der Sternwarte verglichen und um den Betrag der Korrektion reguliert. Die Korrekturen ergaben folgende Werte:

Datum.	Korr.	Datum.	Korr.	Datum.	Korr.	Datum.	Korr.
6 I	13 sec.	7 IV	— 7 sec.	7 VII	— 3 sec.	6 X	3 sec.
13 I	13 "	14 IV	12 "	14 VII	— 1 "	13 X	9 "
20 I	8 "	21 IV	—24 "	21 VII	— 2 "	20 X	— 5 "
27 I	4 "	28 IV	—20 "	28 VII	— 3 "	27 X	—17 "
3 II	— 2 "	5 V	8 "	4 VIII	— 4 "	3 XI	—16 "
10 II	10 "	12 V	— 8 "	11 VIII	0 "	10 XI	—20 "
17 II	— 4 "	19 V	—13 "	18 VIII	3 "	17 XI	—16 "
24 II	—11 "	26 V	—12 "	25 VIII	14 "	24 XI	—18 "
3 III	—10 "	2 VI	—10 "	1 IX	21 "	1 XII	—12 "
10 III	15 "	9 VI	—10 "	8 IX	27 "	8 XII	— 5 "
17 III	16 "	16 VI	— 4 "	15 IX	25 "	15 XII	3 "
24 III	10 "	23 VI	3 "	22 IX	21 "	22 XII	14 "
31 III	— 6 "	30 VI	—15 "	29 IX	21 "	29 XII	17 "

Die Stundenmarken am Barografen im meteorologischen Kabinett wurden durch eine dort befindliche Wanduhr bewirkt, die täglich um 13<sup>h</sup> mit der Uhr im Observatorium verglichen wurde. In derselben Weise wurde auch die Uhr der Filialstation in Marienhof wöchentlich reguliert.

Der Luftdruck wurde am Barometer Schultze Nr. 2 abgelesen, dessen im Herbst 1916 bestimmte Instrumentalkorrektion 0.53 mm. betrug. Die Temperaturkorrektion wurde nach den Angaben eines angehängten Thermometers mit ovalem Querschnitt und roter Aufschrift angebracht, dessen Korrekturen

bei	0°	10°	20°	30°
	0°00	0°04	0°04	0°02

betragen, die ihrer Geringfügigkeit wegen vernachlässigt wurden. Im Meteorologischen Kabinett wurde ferner zu den Terminen 7<sup>h</sup>, 13<sup>h</sup> und 21<sup>h</sup> das Kontrollbarometer Müller (System Wild. Fuess) Nr. 560 abgelesen, dessen Nullpunkt die absolute Höhe von 47.11 M. hatte. Seine Instrumentalkorrektion betrug —0.12 mm., während das zu ihm gehörige Thermometer Müller Nr. 584 die Korrekturen hatte

von	0°0	bis	15°7	0°1
"	15°8	"	30°0	0°0

Das neu angeschaffte Gefäßbarometer Müller Nr. 1000 wurde vom 16. bis zum 28. August im Kabinett und vom 29. August bis zum



dann angebracht wurden, wenn sie den Wert von  $\pm 0.05$  mm. übertrafen, betrugen

bei	-21°	-11°	0°	10°	20°	30°	40°
Nr. 4158	0°00	0°02	0°00	0°00	0°02	0°04	0°06
Nr. 3099	-0°02	0°02	0°00	0°00	—	—	—
Nr. 3105	0°00	-0°02	-0°04	0°00	—	—	—
Nr. 3055	0°00	0°00	-0°04	-0°04	-0°02	0°00	0°02
Nr. 3074	0°00	0°02	-0°02	-0°06	-0°06	-0°02	0°04
Nr. 656	—	—	0°03	-0°03	-0°05	-0°03	—
Nr. 14860	} ohne Korrektion.						
Nr. 14860*							

Die Interpolation der Temperatur für die zwischen den unmittelbaren Beobachtungen liegenden Termine erfolgte nach der Registrierung des grossen Thermografen Richard Nr. 26270, der in der Hütte auf dem Dache aufgestellt war. Am 12. Februar und 14. Mai wurde der Apparat justiert und vom 21. bis 22. Februar funktionierte er nicht wegen Einfrierens des Uhrwerks. In der Hütte war ferner bis zum 17. September ein kleiner Thermograf Richard Nr. 10023 in Tätigkeit, dessen Daten zur Ausfüllung eventueller Lücken in der Registrierung des grossen Thermografen bestimmt waren.

Die Extreme der Temperatur wurden mittelst des Maximalthermometers Nr. 5922, dessen Angaben keiner Korrekturen bedurften, und des Minimalthermometers Nr. 5567 gemessen; letzteres hatte folgende Korrekturen

von -20°0 bis -12°0	-0°1
„ -11°9 „ + 3°8	0°0
„ + 3°9 „ +14°0	-0°1
„ +14°1 „ +20°0	-0°2

Die Luftfeuchtigkeit wurde, wie bisher, bei Temperaturen über Null Grad mit Hilfe des Assmannschen Aspirationspsychrometers bestimmt und die so erhaltene relative Feuchtigkeit mit den Daten des in der Hütte aufgestellten Haarhygrometers verglichen. Aus diesen Vergleichen wurde nach dem Prinzip der gleichen Häufigkeiten die Korrekturen (v. pg. 79) gefunden, mittelst derer bei Frost nach den Daten des Haarhygrometers die relative Feuchtigkeit, und aus letzterer und der Lufttemperatur auch die absolute und die complete Feuchtigkeit berechnet wurden. Als Haarhygrometer dienten bis zum 1. August der Apparat F. O. O. Nr. 317 und von dann an bis zum Schluss des Jahres ein gleiches Apparat der Firma Müller Nr. 22259. Zu allen Terminen wurden übrigens vom Beginn des Jahres an beide Instrumente abgelesen.

Die Interpolation der relativen Feuchtigkeit erfolgte nach den Daten des Hygrographen Richard Nr. 8814.

Die Messung der Windgeschwindigkeit erfolgte mittelst des Anemografen Oettingen-Schultze Nr. 4 nach den Formeln:

$$v = 0.40 + 0.075 n \quad (\text{für den Integrator}) \text{ und}$$

$$V_k = 0.51 \frac{k}{\sigma} + 0.075 k \quad (, \text{ die Komponenten}),$$

wo  $v$  die Geschwindigkeit des Windes und  $V_k$  die der einzelnen Komponenten in Metern in der Sekunde darstellen, ferner  $n$  die Anzahl der Kontakte des Integrators,  $k$  die Anzahl der Kontakte der einzelnen Komponente und  $\sigma$  die Summe der Kontakte aller Komponenten in 3 Stunden,  $1\frac{1}{2}$  Stunden vor dem Termin bis  $1\frac{1}{2}$  Stunden nach demselben bedeuten. Unbedeutende Lücken in der Registrierung konnten durch direkte Beobachtungen mittelst eines Fuess'schen Taschenanemometers ausgefüllt werden.

Vom 28. bis 30. Juli wurde der Apparat vom Mechaniker gereinigt und am 29. und 30. August wurden nach dem Beispiel der vorhergehenden Jahre die Abweichungen der Registrierung von der Theorie für die Grösse der Komponenten in Prozenten und für den Azimuth der Richtung in Graden bestimmt. Es ergaben sich dabei folgende Abweichungen:

Windrichtungen	N	NNE	NE	ENE	E	ESE	SE	SSE
Abweichungen d. Grösse in %	—1.5	—5.0	—9.0	—6.1	—1.5	—4.9	—10.4	—7.4
„ d. Azimuths in Gr.	0°0	2°5	—1°0	—1°4	0°0	2°9	—0°3	—3°3
Windrichtungen	S	SSW	SW	WSW	W	WNW	NW	NNW
Abweichungen d. Grösse in %	—1.7	—7.4	—9.9	—6.0	—1.2	—4.9	—7.1	—5.4
„ d. Azimuths in Gr.	0°0	3°0	—1°0	—3°9	0°0	3°7	1°8	—1°3

Wie in den vorhergehenden, so sind auch in vorliegendem Jahrgang an die Werte der Komponenten obige Korrekturen nicht angebracht worden; dieselben zeigen nur, welche Genauigkeit den publizierten Daten beizulegen ist.

Die Verdunstung wurde, wie bisher, mittelst des Evaporimeters F. F. O. Nr. 3 beobachtet, das in der Hütte auf dem Dache in einer Höhe von 8.8 Metern über dem Erdboden aufgestellt war. Seine Ablesungen wurden nach Möglichkeit zwischen den Teilungen 100 und 170 gehalten, wo sie genügend genau waren.

Die Niederschläge wurden mit Hilfe eines Regenmesser beobachtet, der mit einer Schutzvorrichtung nach Nipher versehen und auf dem Dache in einer Höhe von 11.3 Metern über den Erdboden aufgestellt war.

Die Schneehöhe wurde mittelst eines transportablen Masstabes auf freiem Felde in der Nähe des Gutes Marienhof gemessen.

Der Embachstand wurde, wie bisher, an dem an der Steinbrücke angebrachten Pegel abgelesen, dessen Nullpunkt eine absolute Höhe von 29.51 Metern hatte.

Wolkenbeobachtungen wurden 7 mal täglich angestellt, an den von der Internationalen Kommission für Luftschiffahrt festgesetzten Tagen aber stündlich von 7<sup>h</sup> bis 22<sup>h</sup>. Von letzteren Beobachtungen sind die für den Januar und Februar ausgefallen, da die Angabe der festgesetzten Tage erst im März eintraf. Ferner wurden teilweise auch in der Zeit zwischen den Beobachtungsterminen Bestimmungen der Winkelgeschwindigkeit der Wolken mittelst des Finemanschen Nephoscops ausgeführt, deren Resultate sich pg. 83—85 finden.

Die Sonnenscheindauer wurde durch den Heliographen Welitschko Nr. 8355 registriert, der auf der Plattform des Turmes in einer Höhe von 18.25 Metern über dem Erdboden aufgestellt war. Die pg. 78 angeführten Daten der Sonnenscheindauer in Prozenten sind durch Division der registrierten durch die astronomisch mögliche Dauer gefunden, wobei an letzterer, wie bisher, eine Korrektion für die Zeit, während der die Sonne über dem Horizont steht, ohne jedoch auf dem lichtempfindlichen Papier eine Spur zu hinterlassen, nicht angebracht ist.

Die Visierungen von Ballons mittelst des Kusnetzowschen Theodoliten Nr. 74 wurden von der Plattform des Turmes aus ausgeführt, die Resultate finden sich pg. 86—95. Die Werte der Richtung und Geschwindigkeit des Windes für die Höhen 80, 180, 500, 1000 etc. Meter sind durch Interpolation zwischen zwei benachbarten Ablesungen gefunden, die um eine Minute von einander entfernten Luftschichten von 140—200 Metern je nach der Grösse des benutzten Ballons entsprechen; sie stellen somit nicht den Mittelwert aller innerhalb der betreffenden Höhenstufe liegenden Ablesungen dar. Es wäre vielleicht richtiger Mittelwerte für genau abgegrenzte Schichten zu geben.

### Filialstationen.

Auf dem in der Entfernung von 1 Werst im Westen von der Stadt belegenen Universitätsgute Marienhof wurden die Beobachtungen auch im Berichtsjahre fortgesetzt. Die Englische Hütte war im Garten ziemlich geschützt in einer Höhe von 2 Metern über dem Erdboden aufgestellt; in ihr befanden sich das Haarygrometer Nr. 19541 und die Thermometer Nr. 58388 (trocken), Nr. 58387 (feucht), Nr. 13599 (Maximal-) und Nr. 23 (Minimal-).

Die Korrekturen der Thermometer, die nur dann zur Anwendung kamen, wenn sie  $\pm 0^{\circ}05$  überstiegen, hatten folgende Werte:

	bei	$-25^{\circ}$	$-21^{\circ}$	$-20^{\circ}$	$-11^{\circ}$	$0^{\circ}$	$10^{\circ}$	$20^{\circ}$	$30^{\circ}$	$40^{\circ}$
Nr. 58388	—	—	$-0^{\circ}02$	—	$0^{\circ}02$	$-0^{\circ}02$	$-0^{\circ}02$	$-0^{\circ}02$	$0^{\circ}00$	$0^{\circ}00$
Nr. 58387	—	—	$-0^{\circ}06$	—	$0^{\circ}00$	$-0^{\circ}02$	$-0^{\circ}06$	$-0^{\circ}04$	$0^{\circ}00$	$0^{\circ}00$
Nr. 23	—	—	$0^{\circ}0$	—	$0^{\circ}0$	—	—	$0^{\circ}1$	—	$0^{\circ}0$
Nr. 13599	$0^{\circ}1$	—	—	—	$0^{\circ}1$	—	—	$0^{\circ}1$	—	$0^{\circ}1$

Vom 1. Februar bis zum 31. März und vom 26. November bis zum Schluss des Jahres wurde das feuchte Thermometer nicht abgelesen. Zur Berechnung der Feuchtigkeit wurden durch Vergleiche der relativen Feuchtigkeit mit den Angaben des Haarhygrometers für letzteres folgende Korrekturen gefunden:

Für die Zeit vom 1. Februar bis zum 31. März:

100 %	0	86—88 %	2	69—73 %	6	30—52 %	10
93—99 %	—1	82—85 %	3	67—68 %	7		
91—92 %	0	80—81 %	4	58—66 %	8		
89—90 %	1	74—79 %	5	53—57 %	9		

und für die Zeit vom 26. November bis zum 31. Dezember

100 %	0	83—84 %	2	71—72 %	6	54—55 %	10
91—99 %	—1	80—82 %	3	66—70 %	7	48—53 %	11
89—90 %	0	78—79 %	4	64—65 %	8	41—47 %	12
85—88 %	1	73—77 %	5	56—63 %	9	40 %	13

Mittelst obiger Korrekturen wurde nach den Daten des Haarhygrometers die relative und aus letzterer und der Lufttemperatur auch die absolute Feuchtigkeit berechnet. Beim Minimalthermometer teilte sich am 31. Juli der Spiritus, von dem ein Tropfen in das obere Ende der Kapillarröhre geriet. Da es unmöglich war, die Spiritussäule wieder zu vereinigen oder das Thermometer durch ein anderes zu ersetzen, wurde seine Korrektur durch Vergleiche mit einem Normalthermometer bestimmt und an die Ablesungen angebracht; sie erwies sich bis zum Schluss des Jahres als konstant und betrug  $0^{\circ}4$ .

Auf dem Hofe des Gutes waren ferner ein Regenmesser mit einer Schutzvorrichtung nach Nipher und eine Wildsche Windfahne mit Windstärketafel aufgestellt, letztere in einer Höhe von 11.00 Metern über dem Erdboden. Am 19. Juli wurde die Orientierung der Windfahne nach den Himmelsrichtungen geprüft und richtig befunden. In der dunklen Tageszeit konnte die Windfahne mangels Beleuchtung nicht abgelesen werden. Vom 17. Januar an wurde auch der Luftdruck nach einem dem Physikalischen Zentralobservatorium in Petersburg gehörigen Barometer Wild-Turretini Nr. 65 abgelesen, das eine Instrumentalkorrektur von 0.07 mm. hatte. Leider mussten letztere Beobachtungen im September abgebrochen werden, weil das Barometer zurückgefordert wurde.



Die Beobachtungen zu den Terminen 7<sup>a</sup>, 13<sup>a</sup>, und 21<sup>a</sup> sowie teilweise auch ihre Bearbeitung wurden vom älteren Assistenten des Oekonomischen Kabinets N. Rootsii ausgeführt.

Auf der Filialstation Thoma ( $\varphi = 58^{\circ}52'$ ,  $\lambda = 26^{\circ}17'$ ) wurde der Luftdruck am Barometer Wild-Turrettini Nr. 16 abgelesen, dessen Nullpunkt eine absolute Höhe von 86.43 Metern hatte. Die Instrumentalkorrektion des Barometers betrug 0.50 mm., die seines Thermometers Nr. 109801

von  $-10^{\circ}0$  bis  $+10^{\circ}0$   $0^{\circ}0$

„  $+10^{\circ}1$  „  $+40^{\circ}0$   $0^{\circ}1$

Die Temperatur und Feuchtigkeit der Luft wurden mittelst des Assmannschen Aspirationspsychrometers Nr. 99 mit den Thermometern Nr. 3051 (trocken) und Nr. 2259 (feucht) bestimmt. Am 17. Januar zerbrach bei der Beobachtung das feuchte Thermometer und wurde vom 24. Januar an durch ein aus der Stadt bezogenes gleiches Thermometer Nr. 3073 ersetzt. Die Korrekturen der Thermometer, die nur dann angebracht wurden, wenn sie  $\pm 0^{\circ}05$  überstiegen, hatten folgende Werte:

	bei $-21^{\circ}$	$-11^{\circ}$	$0^{\circ}$	$10^{\circ}$	$20^{\circ}$	$30^{\circ}$	$40^{\circ}$
Nr. 3051	$-0^{\circ}06$	$-0^{\circ}02$	$-0^{\circ}04$	$-0^{\circ}04$	$-0^{\circ}02$	$-0^{\circ}04$	$0^{\circ}02$
Nr. 2259	$-0^{\circ}02$	$0^{\circ}00$	$0^{\circ}00$	$-0^{\circ}04$	$-0^{\circ}04$	$-0^{\circ}08$	$-0^{\circ}06$
Nr. 3073	$-0^{\circ}02$	$0^{\circ}00$	$-0^{\circ}02$	$-0^{\circ}02$	$-0^{\circ}04$	$-0^{\circ}04$	$-0^{\circ}02$

Die Feuchtigkeit bei Temperaturen unter dem Gefrierpunkt wurde ebenso wie im Observatorium bestimmt, wobei folgende Korrekturen für das Haarhygrometer zur Verwendung kamen:

Für die Zeit vom 1. Januar bis zum 31. Mai:

98—100 %	0	82—88 %	3	59—63 %	6	41—42 %	9
93—97 %	1	73—81 %	4	53—58 %	7	36—40 %	8
89—92 %	2	64—72 %	5	43—52 %	8	31—35 %	7

und für die Zeit vom 5. Oktober bis zum Schluss des Jahres:

99—100 %	0	86—88 %	3	69—73 %	6	55—57 %	9
95—98 %	1	82—85 %	4	65—68 %	7	50—54 %	8
89—94 %	2	74—81 %	5	58—64 %	8	40—49 %	7
						35—39 %	6

In der Wildschen Hütte in der Höhe von 3.40 Metern über dem Erdboden waren aufgestellt der Richardsche Thermograf Nr. 59530, das Haarhygrometer Nr. 5585, das Minimalthermometer Nr. 21 ohne Instrumentalkorrektion und das Maximalthermometer Nr. 13601, das folgende Korrekturen hatte:

bei $-25^{\circ}$	$0^{\circ}$	$20^{\circ}$	$40^{\circ}$
$0^{\circ}2$	$0^{\circ}0$	$0^{\circ}1$	$-0^{\circ}3$

Auf der Hütte war der Campbellsche Heliograph Nr. 425 aufgestellt, dessen Angaben bisher noch nicht bearbeitet sind. Die Richtung und Stärke des Windes wurde an einer Wildschen

Windfahne mit Windstärketafel abgelesen, die in einer Höhe von 11.90 Metern über dem Erdboden aufgestellt war. Am 31. Juli wurde ihre Orientierung in Bezug auf die Himmelsrichtungen geprüft und richtig befunden. Ferner wurden die Schneehöhe, die Bewölkung und die Niederschläge beobachtet. Der Regenmesser war mit einer Schutzvorrichtung versehen, sein oberer Rand hatte eine Höhe von 2.13 Metern über dem Erdboden. Die Beobachtungen zu den Terminen 7<sup>h</sup>, 13<sup>h</sup> und 21<sup>h</sup> und ihre Bearbeitung wurde bis zum 1. Oktober von W. Baron Stackelberg, und von dann an bis zum Schluss des Jahres durch Herr G. Hammer und M. Tikko ausgeführt.

Die Filialstation G d o w ( $\varphi = 58^{\circ}44'$ ,  $\lambda = 27^{\circ}50'$ ) wurde im Herbst 1916 von Herrn Prof. B. Sresnewsky auf Kosten des Physikalischen Zentralobservatoriums in Petersburg zwecks Bestimmung des barometrischen Gradienten im Dreieck Dorpat-Thoma-Gdow eingerichtet. Der Luftdruck wurde am Stationsbarometer Müller Nr. 1438 beobachtet, dessen Korrekturen betragen bei

790 mm.	780 mm.	770 mm.	760 mm.	750 mm.	740 mm.	730 mm.	720 mm.	710 mm.
—0 <sup>03</sup>	—0 <sup>03</sup>	—0 <sup>04</sup>	—0 <sup>04</sup>	—0 <sup>05</sup>	—0 <sup>05</sup>	—0 <sup>06</sup>	—0 <sup>07</sup>	—0 <sup>08</sup>

Sein Thermometer Nr. 80155 hatte die Korrekturen

von	0 <sup>00</sup>	bis	6 <sup>02</sup>	0 <sup>00</sup>
	6 <sup>03</sup>	„	14 <sup>02</sup>	0 <sup>01</sup>
	14 <sup>03</sup>	„	30 <sup>00</sup>	0 <sup>00</sup>

Die absolute Höhe des Barometer-Nullpunktes betrug 45 Meter. In der Englischen Hütte waren aufgestellt: das Haarhygrometer Nr. 107217, das Psychrometer mit den Thermometern Nr. 100513 und Nr. 100513\*, das Minimalthermometer Nr. 106685, alle ohne Korrektur, und das Maximalthermometer Nr. 109048 mit den Korrekturen

von	—20 <sup>00</sup>	bis	—17 <sup>00</sup>	—0 <sup>02</sup>
„	—16 <sup>09</sup>	„	— 8 <sup>00</sup>	—0 <sup>01</sup>
„	— 7 <sup>09</sup>	„	+40 <sup>00</sup>	0 <sup>00</sup>

Das feuchte Thermometer wurde in der Zeit vom 1. Januar bis zum 31. März und vom 31. November bis zum Schluss des Jahres nicht abgelesen. Für diese Zeit wurde die Feuchtigkeit wie in Marienhof bestimmt mit Hilfe folgender Korrekturen für das Haarhygrometer:

Für die Zeit vom 1. Januar bis zum 31. März

100 %	0	95—97 %	3	63—68 %	6	52—54 %	3
99 %	1	74—94 %	4	61—62 %	5	50—51 %	2
98 %	2	69—73 %	5	55—60 %	4	46—49 %	1
						39—45 %	0

und für die Zeit vom 21. November bis zum 31. Dezember

89—100%	0	76—84%	2	48—60%	1
85— 88%	1	61—75%	1		

Ferner wurden beobachtet die Niederschläge, die Bewölkung und die Windrichtung und Windstärke mittelst der Wildschen Windfahne mit Windstärketafel. Mangels Beleuchtung konnten die Windbeobachtungen während der dunklen Tageszeit nicht ausgeführt werden. Die Beobachtungen wurden zu den Terminen 7<sup>a</sup>, 13<sup>a</sup> und 21<sup>a</sup> von Frau V. und Herrn J. Fedorow ausgeführt, mit Ausnahme der Zeit vom 25. Juni bis zum 6. Juli, wo die Beobachter abwesend waren. Die Bearbeitung der Beobachtungen erfolgte im Observatorium, von wo eine Kopie derselben an das Zentralobservatorium in Petersburg eingesandt wurde.

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Die vorliegenden Beobachtungen des Dorpater Observatoriums vom Jahre 1917 wurden unter Leitung des hochverdienten Professors B. Sresnewsky ausgeführt, der hier seit 25 Jahren die Lehrtätigkeit an der Universität und die Leitung des Instituts und Observatoriums ausübte. Im Juli 1918 sah er sich genötigt, mit seinen russischen Kollegen Dorpat zu verlassen. Nachdem mir im September 1918 durch das Oberkommando der 8. Armee der Lehrauftrag und die Leitung des Instituts und Observatoriums für das Herbstsemester 1918 übertragen worden war, war ich in der kurzen Zeit meines hiesigen Aufenthaltes bestrebt, das hier so jäh abgebrochene Werk nach Kräften im Sinne meines von mir hochverehrten Vorgängers wieder aufzunehmen und zu fördern. Eine der vornehmsten Aufgaben schien es mir dabei zu sein, den Druck der bisher lückenlos veröffentlichten Beobachtungen des Observatoriums weiterzuführen. Ich habe keine weiteren Verdienste an diesem Bande, als dass ich meine Zustimmung zum Druck gab. Denn das Manuskript war fertig, ja der erste Bogen schon gesetzt und auch die Korrektur wurde von dem bewährten Assistenten erledigt.

Dorpat, den 30. November 1918.

Alfred Wegener.



## Inhaltsverzeichnis.

Terminbeobachtungen . . . . .	2— 73
Mittelwerte . . . . .	74— 75
Pentadenmittel . . . . .	76— 77
Heliographenaufzeichnungen . . . . .	78
Konstanten . . . . .	79
Ergänzende Beobachtungen.	
I. Wolkenbeobachtungen . . . . .	80— 85
II. Pilotballonaufstiege . . . . .	86— 95
Beobachtungen an den Filialstationen.	
I. Marienhof. . . . .	96— 97
II. Thoma . . . . .	98— 99
III. Gdow . . . . .	100—101
Bemerkungen . . . . .	102—111

